Index to Volume 51, 1988

Page numbers preceded by "(L)" refer to Letters, by "(MA)" to Matters Arising, and by "(R)" to Book Reviews.

AARLI JA, BEHAN WMH, BEHAN PO, eds: Clinical Neuroimmunology, (R) (1987) 1246

ABBRUZZESE G, DALL'AGATA D, MORENA M, SIMONETTI S, SPADAVECCHIA L, SEVERI P, ANDRIOLO GC, FAVALE E: Electrical stimulation of the motor tracts in cervical spondylosis, 796

ABDOMINAL MUSCLES
paralysis from herpes zoster, (L) 885

ABSCESS *See* BRAIN ABSCESS

ACANTHOLYTIC DERMATOSIS *See* GROVER DISEASE

ACCORNERO N. *See* BERARDELLI A, 677

ACETAZOLAMIDE
muscle strength improvement in familial hypokalaemic periodic paralysis, 1142

ACETYLCHOLINESTERASE
Brain activity reduced in dominantly-inherited olivopontocerebellar atrophy, 544

ACQUI M. *See* FERRANTE L, 1438

ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS)
anti-HIV antibodies in CSF: serology and immunoblotting, 1063
polymicrobial CNS infection, (L) 998

ACTION POTENTIALS
compound sensory: optimal recording electrode configuration, 684
sensory: medial and lateral plantar nerves, 188

ACUTE HAEMORRHAGIC LEUCOENCEPHALOPATHY
prolonged clinical course, 870

ADAMS CBT. *See* KERR RSC, 169

ADAMS CWM: Perivascular iron deposition and other vascular damage in multiple sclerosis, 260

ADAMS JH, GRAHAM DI: Introduction to Neuropathology, (R) (1988) 1469

ADENOSINE DEAMINASE
high CSF levels in sarcoid meningitis, (L) 1594

ADLER CS, ADLER SM, PACKARD RC, eds: Psychiatric Aspects of Headache, (R) (1987) 1370

ADRENAL CORTEX HORMONES
in male epileptics before and during a 2-year phenytoin treatment, 374

ADRENAL MEDULLA
noradrenaline, adrenaline and tyrosine hydroxylase from Parkinsonian patients, (L) 1104

ADRENALINE
in adrenal medulla from Parkinsonian patients, (L) 1104

ADRENERGIC INSUFFICIENCY
gastrin response, 67

ADRENOLEUKOMYELONEUROPATHY
central motor and sensory conduction, 1069

ADRIAENSEN H. *See* ROBBERECHT W, 563

AFFERENT PATHWAYS
exaggerated long latency reflex response to electrical stimulation in Parkinson's disease, 1405

AGID Y. *See* CERVERA P, 1104

AHLBERG J, NORLEN L, BLOMSTRAND C, WIKKELSO C: Outcome of shunt operation on urinary incontinence in normal pressure hydrocephalus predicted by lumbar puncture, 105

AICARDI J. *See* CHEVRIE J-J, 663

AKINETIC MUTISM
in Wernicke-Korsakoff disease: case report, (L) 588

AL-ASKA AK. *See* BAHEMUKA M, 1017

ALBERMAN E. *See* LI T-M, 778

ALCOHOL
"moderate" intake and brain damage, 909

ALCOHOLICS
brain shrinkage not caused by changes in hydration: pathological study, 124
mortality in alcoholics with autonomic neuropathy, 476

ALFANO B. *See* POZZILLI C, 1058

ALGODYSTROPHY
Complicated by painful muscle spasms, 563

ALI Z. *See* FOWLER CJ, 1164

ALIEN HAND SIGN
after dominant anterior cerebral artery territory infarction, 218

ALKAN M. *See* SPERBER AD, 998

ALLEN IV. *See* CONNOLLY JH, 1459

ALZHEIMER'S DISEASE
asymmetry of pathology, (MA) 1011
auditory long latency event related potential, 1120
basal dendrites of hippocampal CA1 pyramidal cells, 1088
CSF neuron-specific enolase, 549
differential involvement of subcortical nuclei, 842
pedunculopontine nucleus, 540
vasopressin regulation, 903
visual evoked potentials and neopterin: biopterin ratios in urine show high correlation, (L) 314
white matter changes: differentiation from vascular dementia, (MA) 318

AMANO N. *See* ISEKI E, 1084

AMERICAN PSYCHIATRIC ASSOCIATION: Diagnostic Statistical Manual of Mental Disorders 3rd ed-Rev; Desk Reference to the Diagnostic Criteria from DSM III R; Quick reference to DSM III R, (R) 601

AMINO ACIDS
neurotransmitters: CSF gradients, 1193

AMINOFF MJ: Electromyography in Clinical Practice 2nd ed, (R) (1987) 889

AMINOFF MJ, GOODIN DS: Dermatomal somatosensory evoked potentials in lumbosacral root compression, (MA) 740

AMNESIA
from subcortical white matter infarct, 866
posttraumatic: learning and forgetting in head injury, 14

AMYLOIDOTIC POLYNEUROPATHY *See* FAMILIAL AMYLOIDOTIC POLYNEUROPATHY

AMYOTROPHIC LATERAL SCLEROSIS
effect of bromocriptine and metoclopramide on serum prolactin levels, 643

ANAESTHESIA, EPIDURAL
cervical: poyneuropathy cranialis, (L) 1106

ANAND P, BANNISTER R, MCGREGOR GP, GHATEI MA, MULDERRY PK, BLOOM SR: Marked depletion of dorsal spinal cord substance P and calcitonin gene-related peptide with intact skin flare responses in multiple system atrophy, 192

ANDERSEN EB, PETERSEN J, MORTENSEN EL, UDESEN H: Conservatively treated patients with cerebral arteriovenous malformation: mental and physical outcome, 1208

ANDERSON GM, RIDDLE MA, HODER EL, FEIBEL FC, SHAYWITZ BA, COHEN DJ: The ontogeny of 3,4-dihydroxyphenylacetic

acid in human cerebrospinal fluid, 1100
ANDERSON MJ. *See* WINER JB, 613
ANDERSON NE, POSNER JB: Anti-CNS antibodies in neurological and psychiatric disorders, (MA) 1009
ANDREWS AM. *See* ROSENBERG NL, 1578
ANDRIOLI GC. *See* ABBRUZZESE G, 796
ANEURYSMS
cervical internal carotid artery: following chiropractic manipulation, (L) 1237
fusiform, of the proximal anterior cerebral artery, (L) 451
giant, of posterior fossa, causing lateral gaze palsy, (L) 883
intracranial, and HLA-DR2, (L) 883
subarachnoid haemorrhage: third ventricle enlargement and hyponatraemia, 516
ANGIITIS *See* GRANULOMATOUS ANGIITIS
ANGIOKERATOMA CORPORIS DIFFUSUM (FABRY'S DISEASE)
MRI, (L) 1240
ANGIOMATOSIS *See* PIAL ANGIOMATOSIS
ANGIOSTRONGYLUS CANTONENSIS
CNS invasion in Thailand, 80
ANISMUS
and Parkinson's disease: constipation and paradoxical puborectalis contraction, 1503
ANOSOGNOSIA. *See* DENIAL
ANOXIA
causing rapid development of basal ganglia calcification, (L) 449, (MA) 1364
ANTI-INFLAMMATORY DRUGS
non-steroidal: extrapyramidal reactions, (L) 731
ANTIBODIES
anti-CNS, in neurological and psychiatric disorders, (MA) 1009
ANTICONVULSANT TOLERANCE
results of increasing benzodiazepine dose, (L) 1008
ANTIGENS
membrane: expression in myotonic dystrophy, 136
ANTIPSYCHOTIC DRUGS
and symptomatology: effect on perceptual asymmetry in schizophrenia, 1531
ANXIETY
after mild head injury: case control study, 722
APALE P. *See* CAVALETTI G, 468
APHASIA
language recovery in stroke patients receiving speech therapy, (L) 1103
recovery after subcortical stroke, 1269
APRAXIA, IDEOMOTOR
evidence for preservation of axial commands, (MA) 593
APTE CA. *See* DIVATE PG, 1365
APUZZO MLJ, ed: Surgery of the Third Ventricle, (R) (1987) 603
ARACHNOID CYSTS
of middle fossa and subdural haematoma, (MA) 467
ARAKI T. *See* NODA S, 582
ARANCIO O. *See* PROVENZANO C, 1228
ARENDT-NIELSEN L, BJERRING P: Sensory and pain threshold characteristics to laser stimuli, 35
ARENDT-NIELSEN L. *See* BJERRING P, 43
ARIANO M. *See* SERVADEI F, 526
ARM MOVEMENTS
rapid voluntary: biomechanical analysis of postural adjustments, 232
ARNOLD DL. *See* TAYLOR DJ, 1425
ARNOLD CHIARI MALFORMATION
respiratory arrest complicating cerebellar ectopia in adults, 714
ARRIGO A. *See* BONUCCELLI U, 154
ARRUDA WD. *See* RAMINA R, 1006
ARTERIOSCLEROSIS
generalised: associated bilateral spontaneous carotid-cavernous fistula, (L) 1003
ARTERIOVENOUS MALFORMATIONS. *See* CEREBRAL ARTERIOVENOUS MALFORMATIONS
ARTHUIS M. *See* BOUTIN B, 291
ARTIEDA J. *See* MARTINEZ-VILA E, 1353
ASHBY P. *See* HUNTER JP, 1405
ASHERSON RA, HUGHES GRV, GLEDHILL R, QUINN NP: Absence of antibodies to cardiolipin in patients with Huntington's chorea, Sydenham's chorea and acute rheumatic fever, (L) 1458
ASPARTIC ACID AMINOTRANSFERASE
activity in epilepsy, 552
ASSAL G. *See* BOGOUSSLAVSKY J, 116
ASSOCIATION OF BRITISH NEUROLOGISTS
proceedings, 733, 1357
ASTERIXIS
and myoclonus with acute dystonic reaction following metoclopramide, (L) 1002
ASTROCYTOMA, CEREBRAL
in association with HIV infection, 422
ATAXIC DISORDERS
degenerative: magnetic stimulation study of central motor conduction, 790
familial cerebellar ataxia and diabetes insipidus, 1576
reversible ataxia following chronic exposure to paradichlorobenzene, (L) 453
ATLANTO-AXIAL FUSION
implant clamp, (L) 450
Ca^{2+}-ATPASE DEFICIENCY
exertional muscle pain syndrome, 1425
AUBBY D, SAGGU HK, JENNER P, QUINN NP, HARDING AE, MARSDEN CD: Leukocyte glutamate dehydrogenase activity in patients with degenerative neurological disorders, 893
AUDITORY CORTEX DISORDERS
clinical and psychoacoustic features, 1
AUGUSTIJN PB. *See* VANNESTE JAL, 131
AUTOGENIC INHIBITION. *See* SHORT LATENCY AUTOGENIC INHIBITION
AUTONOMIC FAILURE
gastrin responses in adrenergic insufficiency, 67
local, affecting a limb, (MA) 157, 158
with multiple system atrophy: low lumbar CSF levels of homovanillic acid and 5-hydroxyindoleacetic acid, 914
AUTONOMIC FUNCTION
abnormalities in Lambert-Eaton syndrome, 436
neuropathy in alcoholics: mortality, 476
AVDELIDIS D. *See* DARAS M, 151
AVNON L. *See* SPERBER AD, 998
AXONS. *See* NERVE FIBRES
AZATHIOPRINE
histocompatibility antigens in multiple sclerosis patients participating in multicentre trial, 412

BAARSMA GS. *See* VECHT CH.J, 467
BABINSKI'S SIGN
historical note, 1163
BACHELARD HS, LUNT GG, MARSDEN CD, eds: Clinical Neurochemistry, (R) (1987) 319
BACK PAIN
low: routine CSF analysis during lumbar radiculography, 878
BAHEMUKA M, SHEMENA AR, PANAYIOTOPOULOS CP, AL-ASKA AL, OBEID T, DAIF AK: Neurological syndromes of brucellosis, 1017
BAHLS FH. *See* GRAFTON SR, 1354
BAKAY L: Neurosurgeons of the Past, (R) (1987) 1470

BAKAY RAE. *See* COLBASSANI HJ, 332
BAKER MK, SANDLER MA, BAYNES RD, MILLER S: Herpes simplex type II encephalitis in a non-immunocompromised adult, (L) 455
BALLARINI V. *See* CORNACCHIA L, 1463
BALLESCA M. *See* ROIG M, 1091
BAMFORD JM, BODANSKY H, BRADEY N, CURRIE S, BARNETT D: Rapid development of basal ganglia hyperdensity caused by anoxia, (MA) 1364
BAMFORD JM, SANDERCOCK P, DENNIS M, WARLOW C, JONES L, MCPHERSON K, VESSEY M, FOWLER G, MOLYNEUX A, HUGHES T, BURN J, WADE D: A prospective study of acute cerebrovascular disease in the community: the Oxfordshire Community Stroke Project 1981–86 I. Methodology, demography and incident cases of first-ever stroke, 1373
BAMFORD JM. *See* BOOTHMAN BR, 1241
BAMFORD JM. *See* ZEMAN A, 458
BANKS AJ. *See* REDFERN RM, 803
BANNISTER R. *See* ANAND P, 192
BARASH V. *See* SHAHAR E, 298
BARNARD RO. *See* WILL RG, 1224
BARNES D, HAMMANS SR, LEGG NJ: Chronic relapsing inflammatory polyneuropathy complicating sicca syndrome, (MA) 159
BARNETT D. *See* BAMFORD JM, 1364
BARRETT G. *See* NESHIGE R, 1120
BARTOCCIONI E. *See* PROVENZANO C, 1228
BASAL GANGLIA. *See also* CAUDATE NUCLEUS
calcification: rapid development caused by anoxia, (L) 449, (MA) 1364
micrographia secondary to lenticular haematoma, (L) 1353
right: persistent denial of handicap after infarction, 112
BASILAR ARTERY
brain stem glioma mimicking progressive thrombosis, (L) 457
BASSO A, CAPITANI E, LAIACONA M: Progressive language impairment without dementia: a case with isolated category specific deficit, 1201
BATCHELOR JR. *See* KRISS A, 1253
BATEMAN DE, LAWTON NF, WHITE JE, GREENWOOD RJ, WRIGHT DJM: The neurological complications of *Borrelia burgdorferi* in the New Forest area of Hampshire, 699
BAYNES RD. *See* BAKER MK, 455
BAZAK I. *See* GILASI N, 1461
BECK DEPRESSION INVENTORY
psychometric properties: Parkinson's disease, 1401
BEEVERS DG. *See* SHINTON RA, 273
BEGEER JH. *See* ZWARTS MJ, 148
BEHCET'S SYNDROME. *See* NEURO-BEHCET'S SYNDROME
BELIN C, LARMANDE J, GAYMARD B, LARMANDE P: Loss of unilateral eye closure and right parietal lesion, (L) 1008
BELL KR. *See* GRAFTON ST, 1354
BELL'S PALSY
and HIV infection, 425
BENASSI G. *See* D'ALESSANDRO R, 21, 311
BENZODIAZEPINES
increasing dose after development of anticonvulsant tolerance, (L) 1008
BERARDELLI A, INGHILLERI M, CRUCCU G, FORNARELLI M, ACCORNERO N, MANFREDI M: Stimulation of motor tracts in multiple sclerosis, 677
BERCIANO J. *See* GARCIA-MONCO C, 1594
BERGER W, HORSTMANN GA, DIETZ V: Spastic paresis: impaired spinal reflexes and intact motor programs, 568
BERMAN KF. *See* WEINBERGER DR, 94
BERNARDI S. *See* POZZILLI C, 1058
BERTHIER ML. *See* STARKSTEIN SE, 1259
BERTORA P. *See* NORBIATO G, 903
BESSON JAO, EBMEIER KP, BEST PV, SMITH FW: Do white matter changes on MRI and CT differentiate vascular dementia from Alzheimer's disease?, (MA) 318
BESSON JAO. *See* REID IC, 1264
BEST PV. *See* BESSON JAO, 318
BEST PV. *See* REID IC, 1264
BETA-THROMBOGLOBULIN
in cerebral infarction, 557
BEVILACQUA M. *See* NORBIATO G, 903
BHIGJEE AI. *See* HARIBHAI HC, 158
BIGELOW LB. *See* ILLOWSKY BP, 209
BILL PLA. *See* COSNETT JE, 307
BILL PLA. *See* HARIBHAI HC, 158
BILO L, MEO R, STRIANO S: Serum prolactin evaluation after "minor" generalised seizures monitored by EEG, (L) 308
BINDOFF L, LYONS PR, NEWMAN PK, SAUNDERS M: Methylprednisolone in multiple sclerosis: a comparative study, (L) 1108
BINDOFF LA, SHERRATT HSA, SINGH R, TURNBULL DM: Carnitine palmitoyltransferase deficiency, (MA) 1242
BINGLEY PJ. *See* HOFFBRAND BI, 1213
BINSWANGER'S DISEASE
enzymatic blood defibrination, 1051
BIOPTERIN. *See* NEOPTERIN: BIOPTERIN RATIOS
BIRD G. *See* COOPER TJ, 152
BJERRING P, ARENDT-NIELSEN L: Argon laser induced single cortical responses: a new method to quantify pre-pain and pain perceptions, 43
BJERRING P. *See* ARENDT-NIELSEN L, 35
BLAIR JA. *See* HAMON CGB, 314
BLAND JH: Disorders of the Cervical Spine: Diagnosis and Medical Management, (R) (1987) 604
BLEPHAROSPASM
review of 264 patients, 767
BLOMSTRAND C. *See* AHLBERG J, 105
BLOOD
enzymatic defibrination in Binswanger's disease, 1051
BLOOD-BRAIN BARRIER
permeability in multiple sclerosis: 68-Ga-EDTA and PET, 1058
BLOOM SR. *See* ANAND P, 192
BLUMENTHAL H, VANCE D: Rest tremor associated with exposure to Monensin, (L) 729
BLUMER D, ed: Psychiatric Aspects of Epilepsy, (R) (1987) 599
BODANSKY H. *See* BAMFORD JM, 1364
BODEUS M. *See* BUKASA KS-S, 1063
BOGLIUN G. *See* CAVALETTI G, 468
BOGOUSSLAVSKY J, FERRAZZINI M, REGLI F, ASSAL G, TANABE H, DELALOYE-BISCHOF A: Manic delirium and frontal-like syndrome with paramedian infarction of the right thalamus, 116
BOLLATI A. *See* CANDRINA R, 1005
BOLLEN EL, ROOS RAC, COHEN AP, MINDERAA RB, REULEN JPH, VAN DE WETERING BJM, VAN WOERKOM TCAM, BURUMA OJS: Oculomotor control in Gilles de la Tourette syndrome, 1081
BONE I. *See* DUNCAN R, 591
BONUCCELLI U, NUTI A, PAPARINI L, GRAZIA BONGIORNI M, ARRIGO A, CONTINI C, MURATORIO A: Asymptomatic cardiac arrhythmias in periodic paralysis, (L) 154
BOOGERD W, VAN DER SANDE JJ, MOFFIE D: Acute fever and delayed leukoencephalopathy following low dose intraventricular methotrexate, 1277
BOOGERD W, VROOM TH M, VAN HEERDE P, BRUTEL DE LA RIVIÈRE G, PETERSE JL, VAN DER SANDE JJ: CSF cytology versus immunocytochemistry in meningeal carcinomatosis, 142
BOONGIRD P. *See* SCHMUTZHARD E, 80
BOOTHMAN JR, BAMFORD JM, PARSONS MR: Paraplegia as a

presenting feature of meningococcal meningitis, (L) 1241
BORE PJ. *See* TAYLOR DJ, 1425
BOROD JC, KOFF E, LORCH MP, NICHOLAS M, WELKOWITZ J: Emotional and non-emotional facial behaviour in patients with unilateral brain damage, 826
BORRELIA BURGDORFERI
antibodies in multiple sclerosis patients, 1215
neurological complications in New Forest area of Hampshire, 699
BOTS GTHAM. *See* WINTZEN AR, 1542
BOTULINUM TOXIN
spasmodic torticollis, 920
BOUISSET S. *See* ZATTARA M, 956
BOUTIN B, ROUTON M-C, ROCCHICCIOLI F, MAYER M, LEVERGER G, ROBAIN O, PONSOT G, ARTHUIS M: Peripheral neuropathy associated with erythrophagocytic lymphohistiocytosis, 291
BOWEN DM. *See* WILCOCK GK, 842
BOWSHER DR. *See* CHAN AW, 688
BOZZAO L. *See* POZZILLI C, 1058
BRADEY N. *See* BAMFORD JM, 1364
BRAHAM J. *See* SADEH M, 1465
BRAIN
acetylcholinesterase activity reduced in olivopontocerebellar atrophy, 544
basal dendrites of hippocampal CA1 pyramidal cells in senile dementia of Alzheimer type, 1088
characterisation of messenger RNA extracted post-mortem from schizophrenic, depressed and control subjects, 325
CT-assisted stereotactic biopsy: intraoperative frozen section diagnosis, 332
CT findings in myotonic dystrophy, (MA) 1463
differential involvement of subcortical nuclei in Alzheimer's disease, 842
shrinkage in alcoholics not caused by changes in hydration: pathological study, 124
transcutaneous magnetic stimulation in multiple sclerosis, 487
vascular dementia: post-mortem neuropathological study, 1037
white matter changes in vascular dementia and Alzheimer's disease, (MA) 318
BRAIN ABSCESS
causing operculum syndrome in a left hander, (L) 307
BRAIN DAMAGE
"moderate" alcohol intake, 909
unilateral: emotional and non-emotional facial behaviour, 826
BRAIN METABOLISM
effect of D-penicillamine in Wilson's disease: case study, 947
glucose, in thalamic syndrome. 427
BRAIN STEM
encephalitis, and adult coeliac disease, (L) 456
glioma mimicking progressive basilar artery thrombosis, (L) 457
haematomas: literature review and five new cases, 966
infarct and haemorrhage causing lacunar syndromes, 509
somatosensory and acoustic reflex myoclonus, 572
unilateral bulbar involvement in myotonic dystrophy, (L) 1461
BRAIN STEM DEATH
pinpoint pupils, (L) 1002
primary: clinico-pathological study, 646
BRAND N. *See* SHAHAR E, 298
BRANDS HFCM. *See* RWIZA HT, 1003
BRANDT J. *See* STARKSTEIN SE, 1259
BRAR JS. *See* KESHAVEN MS, 1235
BRECKER SJD, PUSEY CD: *Nocardia asteroides* infection of the cauda equina, (L) 309
BRENTON DP. *See* KEMPSTER PA, 859
BRETAG AH: Nifedipine and the treatment of myotonia, (MA) 316
BRETT EM. *See* DONAGHY M, 991
BREWER K. *See* BRORSON JR, 886
BRIDGES LR, ROCHE S, NASHEF L, ROSE FC: Haemangiopericytic meningioma of the sacral canal: a case report, 288
BRITISH AND DUTCH MULTIPLE SCLEROSIS AZATHIOPRINE TRIAL GROUP: Histocompatibility antigens in multiple sclerosis patients participating in a multicentre trial of azathioprine, 412
BRODIE MJ. *See* GILLHAM RA, 929
BROMM B. *See* TREEDE R-D, 1330
BROMOCRIPTINE
effect on serum prolactin levels in amyotrophic lateral sclerosis, 643
in striatonigral degeneration, (L) 502
patients failing therapy for Parkinson's disease: trial of pergolide, 529
BRONCHIAL CARCINOMA
metastatic to glioma: three cases and critical review of literature, 256
BRONSTEIN AM. *See* DOMINGUEZ RO, 150
BROOKS DN. *See* RUGG MD, 691
BROOKS DN. *See* WILSON JTL, 391
BRORSON JR, BREWER K: St Paul and temporal lobe epilepsy, (MA) 886
BROSNAN MJ. *See* TAYLOR DJ, 1425
BROWN MM, THOMPSON A, GOH BT, FORSTER GE, SWASH M: Bell's palsy and HIV infection, 425
BROWN MM. *See* HEROLD S, 1045
BROWN MM. *See* THOMPSON AJ, 1596
BROWN RA, LAWSON DA, LESLIE GC, MACARTHUR A, MACLENNAN WJ, MCMURDO MET, MUTCH WJ, PART NJ: Does the Wartenberg pendulum test differentiate quantitatively between spasticity and rigidity? A study in elderly stroke and Parkinsonian patients, 1178
BROWN RA, LAWSON DA, LESLIE GC, PART NJ: Observations on the applicability of the Wartenberg pendulum test to healthy, elderly subjects, 1171
BROWN RT. *See* POLINSKY RJ, 914
BRUCELLOSIS
neurological syndromes, 1017
BRÜCKE T, KOLLEGGER H, SCHMIDBAUER M, MÜLLER C, PODREKA I, DEECKE L: Adult coeliac disease and brainstem encephalitis, (L) 456
BRUCKMANN H. *See* RINGELSTEIN EB, 1051
BRUCKNER F. *See* HART Y, 311
BRUNKHORST U. *See* STARK E, 977
BRUTEL DE LA RIVIÈRE G. *See* BOOGERD W, 142
BRUTON CJ: The Neuropathology of Temporal Lobe Epilepsy (Maudsley Monographs No 31), (R) (1988) 1468
BUIST NRM. *See* ROSENBERG NL, 1578
BUKASA KS-S, SINDIC CJM, BODEUS M, BURTONBOY G, LATERRE C, SONNET J: Anti-HIV antibodies in the CSF of AIDS patients: a serological and immunoblotting study, 1063
BULENS C, MEERWALDT JD, KOUDSTAAL PJ, VAN DER WILDT GJ: Spatial contrast sensitivity in benign intracranial hypertension, 1323
BULLOCK R. *See* COSNETT JE, 307
BULLOCK R. *See* RICHARDS A, 416
BUNTNER B. *See* OSTROWSKA Z, 374
BURDE RM. *See* GELWAN MJ, 1473
BURDE RM. *See* KUPERSMITH MJ, 1381
BURKE D. *See* EDUARDO E, 684
BURN J. *See* BAMFORD JM, 1373
BURNS RS. *See* POLINSKY RJ, 914

BURTONBOY G. *See* BUKASA KS-S, 1063
BURUMA OJS. *See* BOLLEN EL, 1081
BUSSEL B. *See* CHAPELLE PA, 197
BUTLER E. *See* GILLHAM RA, 929
BUTTER CM, MARK VW, HEILMAN KM: An experimental analysis of factors underlying neglect in line bisection, 1581

C FIBRES. *See* NERVE FIBRES
CADOUX-HUDSON TA. *See* KERR RSC, 169
CAEKEBEKE JFV. *See* HAAN J, 1219
CAFFARRA P. *See* GIROTTI GF, 1498
CALCIFICATION
basal ganglia: rapid development caused by anoxia, (L) 449
CALCITONIN GENE-RELATED PEPTIDE
dorsal spinal cord depletion in multiple system atrophy, 192
CALCIUM HOPANTENATE
pantothenic acid antagonist: Reye-like syndrome following treatment, 582
CALVES
hypertrophy, in asymptomatic benign familial spinal muscular atrophy, (L) 452
CALVO CATALA J. *See* CASADO NARANJO I, 1599
CAMPBELL IW. *See* MENZIES DG, 1240
CAMPBELL MJ. *See* MATHEW BG, 1460
CAMPKIN TV, TURNER JM, eds: Neurosurgical Anaesthesia and Intensive Care 2nd ed, (R) (1986) 890
CAMURATI-ENGELMANN'S DISEASE
fatal cerebellar herniation, 1349
CANDRINA R, GALLI G, BOLLATI A: Subdural and intraventricular tension pneumocephalus after transsphenoidal operation, (L) 1005
CANDY JM. *See* CHARLTON BG, 719
CAPITANI E. *See* BASSO A, 1201
CAPLAN LR: Stroke: a Clinical Approach, (R) (1986) 321
CAPPA SF. *See* VALLAR G, 1269
CARACINI T. *See* GIROTTI GF, 1498
CARBAMAZEPINE
and its epoxide: concentration-effect relationships in epilepsy, 929
unusual idiosyncratic reactions, (L) 1238
withdrawal symptoms, 924
CARBON DIOXIDE
reactivity measured by intravenous ^{133}xenon injection technique: assessment of cerebral haemodynamic reserve, 1045
CARBON MONOXIDE POISONING
Kluver-Bucy syndrome associated with delayed post-anoxic leucoencephalopathy, (L) 156
CARCINOMATOSIS, MENINGEAL
CSF cytology versus immunocytochemistry, 142
CARDIAC ARRHYTHMIAS
asymptomatic, in periodic paralysis, (L) 154
CARDIAC TRANSPLANT
cyclosporin neurotoxicity in recipients, 1434
CARDIOLIPIN
absence of antibodies in Huntington's chorea, Sydenham's chorea, and acute rheumatic fever, (L) 1458
CARELLA F, GRASSI MP, SAVOIARDO M, CONTRI P, RAPUZZI B, MANGONI A: Dystonic-Parkinsonian syndrome after cyanide poisoning: clinical and MRI findings, 1345
CARELLA F. *See* GIROTTI GF, 1498
CARELLA F. *See* NORBIATO G, 903
CARNITINE DEFICIENCY
familial: further evidence for autosomal recessive transmission with variable expression, 298
CARNITINE PALMITOYLTRANSFERASE DEFICIENCY, (MA) 1242
CAROTID ARTERIES
angiographic disease at bifurcation: cerebral infarction on CT scans in patients with transient ischaemic attacks, (L) 305
cervical internal: aneurysm following chiropractic manipulation, (L) 1237
variable clinical and CT findings after occlusion: collateral blood supply, 269
CAROTID CAVERNOUS FISTULA
bilateral spontaneous, associated with systemic hypertension and generalised arteriosclerosis: case report, (L) 1003
spontaneous, in Ehlers Danlos syndrome, 984
CAROSCIO JT, ed: Amyotrophic Lateral Sclerosis: a Guide to Patient Care, (R) (1987) 162
CARR V, WALE J: The effects of antipsychotic drugs and symptomatology on perceptual asymmetry in schizophrenia, 1531
CARROLL WM. *See* MCNABB AW, 218
CARRUTHERS M. *See* QUINN N, 728
CARTIER L, VERDUGO R: A double-blind controlled trial of high dose methylprednisolone in multiple sclerosis, (MA) 316
CARTON H. *See* ROBBERECHT W, 563
CASADO NARANJO I, MARTIN GONZALEZ R, SANCHO RIEGER J, MORERA GUITART J, CALVO CATALA J: Transient ischaemic attacks associated with thrombocytosis in active rheumatoid arthritis, (L) 1599
CATEGORISATION. *See* SEMANTIC CATEGORIES
CATTELL RJ. *See* HAMON CGB, 314
CATZ A, CHEN B, JUTRIN I, MENDELSON L: Late onset Isofenphos neurotoxicity, 1338
CAUDA EQUINA
Nocardia asteroides infection, (L) 309
paraganglioma, (MA) 740
CAUDA EQUINA SYNDROME
haemangiopericytic meningioma of sacral canal: case report, 288
CAUDATE NUCLEUS
cavitation with compulsive movement disorder, (L) 447
denial of hemichorea in a case of infarction diagnosed by MRI, (L) 590
CAVALETTI G, BOGLIUN G, APALE P, TREDICI G, MOGGIO M: Sporadic adult onset distal myopathy, (MA) 468
CAVERNOUS SINUS. *See* CAROTID CAVERNOUS FISTULA
CENDRA E. *See* DAVALOS A, 1464
CEREBELLAR ATAXIA. *See* ATAXIC DISORDERS
CEREBELLAR ECTOPIA
in adults: respiratory arrest, 714
CEREBELLAR HAEMORRHAGE
historical note, 634
CEREBELLAR HERNIATION
fatal, secondary to Camurati-Englemann's disease, 1349
CEREBELLAR SYSTEM DISORDERS
cerebellar hemisphere and cerebellar tract lesions in man: stability and tremor of fingers, 1558
extensor tone disinhibition from infarction within midline anterior cerebellar lobe, (L) 1597
visual and mechanical control of postural and kinetic tremor, 934
CEREBRAL ARTERIES
dominant anterior territory infarction: "alien hand" and loss of bimanual coordination, 218
proximal anterior: fusiform aneurysm, (L) 451
CEREBRAL ARTERIOVENOUS MALFORMATIONS
conservatively treated: mental and physical outcome, 1208
"cryptic", (L) 1459
CEREBRAL BLOOD FLOW. *See also* CEREBRAL HAEMODYNAMIC RESERVE
effects of hypotension induced with sodium nitro-

prussiide, 88
imaging of markers in Huntington's disease, 1264
prefrontal cortical, and cognitive function in Huntington's disease, 94
regional, in epilepsy: xenon enhanced CT, (MA) 1366
reversible intracranial circulatory arrest in acute subarachnoid haemorrhage, (L) 1355
CEREBRAL CORTEX
aspartic acid aminotransferase activity in epilepsy, 552
somatostatin content and receptors in depressed and control subjects, 719
CEREBRAL CYSTICERCOSIS
surgery for multiple cysts, (L) 1006
CEREBRAL HAEMODYNAMIC RESERVE
assessment: correlation between PET parameters and CO2 reactivity, 1045
CEREBRAL INFARCTION. *See* INFARCTION
CEREBRAL PALSY
motor control deficits of orofacial muscles, 534
CEREBRAL PERFUSION
recovery from aphasia and neglect after subcortical stroke, 1269
CEREBRAL VEINS
iron deposition and other damage in multiple sclerosis, 261
thrombosis following intravenous clomipramine, (L) 1461
CEREBRAL VENOUS THROMOBOSIS
presenting sign of myeloproliferative disorders, 1219
CEREBRAL VENTRICLES
reduction of size after shunting for normal pressure hydrocephalus, 521
third: enlargement and hyponatraemia in aneurysmal subarachnoid haemorrhage, 516
CEREBROSPINAL FLUID
anti-HIV antibodies in AIDS patients, 1063
correlation with MRI in multiple sclerosis, 277
cytology versus immunocytochemistry in meningeal carcinomatosis, 142
effect of immunosuppressive treatment on myelin basic protein in chronic progressive multiple sclerosis, 1334
fluoride in: patients with fluorosis, 1591
gradients for amino acid neurotransmitters, 1193
high adenosine deaminase levels in sarcoid meningitis, (L) 1594
immunocytochemical demonstration of HIV infected cells, 977
lumbar: low levels of homovanillic acid and 5-hydroxyindoleacetic acid in multiple system atrophy with autonomic failure, 914
neurohypophysial peptides in benign intracranial hypertension, 1538
neuron-specific enolase in multi-infarct dementia and Alzheimer's disease, 549
ontogeny of 3,4-dihydroxyphenylacetic acid, 1100
otorrhoea: endaural extracranial repair with human fibrin glue, 1438
reduction of ventricular size after shunting for normal pressure hydrocephalus, 521
routine analysis during lumbar radiculography for low back pain, 878
CEREBROTENDINOUS XANTHOMATOSIS
central motor and sensory conduction, 1069
CEREBROVASCULAR DISEASE. *See also* STROKE
acute: prospective study in the community, 1373
CERULLO LJ: Application of Lasers in Neurosurgery, (R) (1988) 1601
CERVERA P, RASCOL O, PLOSKA A, GAILLARD G, RAISMAN R, DUYCKAERTS C, HAUW JJ, SCHERMAN D, MONTASTRUC JL, JAVOY-AGID F, AGID Y: Noradrenaline, adrenaline and tyrosine hydroxylase in adrenal medulla from Parkinsonian patients, (L) 1104
CERVICAL MYELORADICULOPATHY
spondylotic: neurological deterioration after laminectomy and role of spinal cord ischaemia, 717
CERVICAL RADICULOPATHY
with sensory deficit, not confirmed by somatosensory evoked potentials following nerve and segmental stimulation, 182
CERVICAL SPINE
intradural disc protrusion, (L) 1007
CERVICAL SPONDYLOSIS
electical stimulation of the motor tracts, 796
CERVOS-NAVARRO J, FERSZT R, eds: Stroke and Microcirculation, (R) (1987) 1244
CHADWICK DW. *See* CRAWFORD PM, 1193
CHAN AW, MACFARLANE IA, BOWSHER DR, WELLS JCD: Does acute hyperglycaemia influence heat pain thresholds?, 688
CHAN FL. *See* HUANG CY, 509
CHAN TK. *See* WOO E, 557
CHAN V. *See* WOO E, 557
CHAN YW. *See* WOO E, 557
CHANDY MJ: Focal epilepsy in India, (MA) 1242
CHANDY MJ. *See* RAJSHEKHAR V, 1459
CHANG L-J. *See* KISH SJ, 544
CHAPELLE PA, ROBY-BRAMI A, YAKOVLEFF A, BUSSEL B: Neurological correlations of ejaculation and testicular size in men with a complete spinal cord section, 197
CHARLTON BG, LEAKE A, WRIGHT C, FAIRBAIRN AF, MCKEITH IG, CANDY JM, FERRIER IN: Somatostatin content and receptors in the cerebral cortex of depressed and control subjects, 719
CHEBAT E. *See* NORBIATO G, 903
CHEN B. *See* CATZ A, 1338
CHEN T-J. *See* HUANG C-C, 870
CHEVRIE J-J, SPECOLA N, AICARDI J: Secondary bilateral synchrony in unilateral pial angiomatosis: successful surgical treatment, 663
CHIDA K. *See* YAMADA M, 452
CHINESE, SOUTHERN
no apparent association between HLA and multiple sclerosis, 443
CHIROPRACTIC MANIPULATION
aneurysm of cervical internal carotid artery, (L) 1237
CHIU H-C, DE LANGE GG, WILLCOX N, VINCENT A, NEWSOM-DAVIS J, HSIEH K-H, HUNG T-P: Immunoglobulin allotypes in caucasian and Chinese myasthenia gravis: differences from Japanese patients, 214
CHOKROVERTY S. *See* DUVOISIN RC, 1508
CHOREA. *See also* HUNTINGTON'S DISEASE; SYDENHAM'S CHOREA
denial of hemichorea in caudate infarction diagnosed by MRI, (L) 590
hereditary progressive, without dementia, 295
new manifestation of mastocytosis, (L) 1457
with different underlying causes: positron emission tomography, (MA) 1010
CHOREIFORM DISORDER
new onset in adult with recent group A beta haemolytic streptococcal pharyngitis, (L) 448
CHU N-S. *See* HUANG C-C, 870
CHU N-S. *See* LU C-H, 1002
CIBA FOUNDATION: Motor Areas of the Cerebral Cortex (Ciba Foundation Symposium 132), (R) (1987) 1245
CIESLAK D. *See* SZULC-KUBERSKA J, 643
CINNARIZINE
aggravation of Parkinson's disease, (MA) 158
CIUCCI G. *See* SERVADEI F, 526
CLARKE E, JACYNA LS: Nineteenth-Century Origins of Neuroscientific Concepts, (R) (1987) 1466

CLAUDICATION. *See* INTERMITTENT PYRAMIDAL CLAUDICATION
CLAUS D, HARDING AE, HESS CW, MILLS KR, MURRAY NMF, THOMAS PK: Central motor conduction in degenerative ataxic disorders: a magnetic stimulation study, 790
CLEEVES L, FINDLEY LJ: Propranolol and propranolol-LA in essential tremor: a double-blind comparative study, 379
CLOMIPRAMINE
thrombosis of cerebral veins following intravenous application, (L) 1461
COAKLEY JH, MOORCROFT J, HIPKIN LJ, SMITH CS, GRIFFITHS RD, EDWARDS RHT: The effect of mazindol on growth hormone secretion in boys with Duchenne muscular dystrophy, 1551
COCHRANE GM, ed: Motor Neurone Disease, (R) (1987) 1015
COELIAC DISEASE
adult, and brainstem encephalitis, (L) 456
COGNITIVE FUNCTION
and prefrontal cortical blood flow in Huntington's disease, 94
impairment in Parkinson's disease, 1498
in epilepsy: concentration-effect relationships with carbamazepine and its epoxide, 929
recovery after stroke, 10
COHEN AP. *See* BOLLEN EL, 1081
COHEN DJ. *See* ANDERSON GM, 1100
COHEN L. *See* FRIEDLI WG, 232
COLBASSANI HK, NISHIO S, SWEENEY KM, BAKAY RAE, TAKEI Y: CT-assisted stereotactic brain biopsy: value of intraoperative frozen section diagnosis, 332
COLE JD, PHILIP HI, SEDGWICK EM: The effect of frontoparietal lesions on stability and tremor in the finger, 1411
COLE JD, PHILIP HI, SEDGWICK EM: Stability and tremor in the fingers associated with cerebellar hemisphere and cerebellar tract lesions in man, 1558
COMA
memory disorder related to duration after head injury, 1452
outcome prediction: reflex eye movements, (MA) 318
COMPLEX PARTIAL STATUS EPILEPTICUS
prolonged: case report, (L) 586
COMPSTON DAS: The 150th anniversary of the first depiction of the lesions of multiple sclerosis, 1249
COMPSTON DAS. *See* FOX R, 984
COMPSTON DAS. *See* HUGHES PJ, 1187
COMPSTON DAS. *See* SWINGLER RJ, 1520
COMPULSION
transient feelings caused by hemispheric lesions: three cases, 266
COMPUTED TOMOGRAPHY. *See also* SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY
brain and skull in myotonic dystrophy, (MA) 1463
cerebral infarction in patients with TIA's relates to severity of angiographic disease at carotid bifurcation, (L) 305
findings after carotid occlusion, 269
lumbosacral plexus lesions, 72
scanning, and lumbar puncture in diagnosis of subarachnoid haemorrhage, 342
skull fracture as risk factor of intracranial complications in minor head injuries, 526
stability of findings in schizophrenia: 8 year follow-up study, 209
stereotactic brain biopsy, 332
Usher's syndrome with mental disorder, 987
white matter changes in vascular dementia and Alzheimer's disease, (MA) 318
xenon enhanced: regional cerebral blood flow in epilepsy, (MA) 1366
CONDON B. *See* WILSON JTL, 391
CONFORTI P. *See* POZZILLI C, 1058
CONNOLLY JH, ALLEN IV, DERMOTT E: Transmissible agent in the amyotrophic form of Creutzfeldt-Jakob disease, (L) 1459
CONSTIPATION
and paradoxical puborectalis contraction in anismus and Parkinson's disease, 1503
CONTINGENT NEGATIVE VARIATION
in adults with Gilles de la Tourette syndrome, 630
CONTINI C. *See* BONUCCELLI U, 154
CONTRAST SENSITIVITY. *See* SPATIAL CONTRAST SENSITIVITY
CONTRI P. *See* CARELLA F, 1345
COOK SD. *See* TROIANO R, 980
COOPER RG, STOKES MJ, EDWARDS RHT: Physiological characterisation of the "warm up" effect of activity in patients with myotonic dystrophy, 1134
COOPER TJ, BIRD G, WHITE B, FERGUSON IT: Recovery from bilateral wrist-drop in Whipple's disease, (L) 152
CORNACCHIA L, MARINA R, BALLARINI V, SOZZI G: Computed tomographic findings of brain and skull in myotonic dystrophy, (MA) 1463
CORTICOSPINAL DIRECT RESPONSE
identification of motor cortex during intracranial surgery, 50
CORTICOSPINAL TRACTS
selective and asymmetric vulnerability in motor neuron disease, 785
COSNETT JE, MOODLEY M, GILL PLA, BULLOCK R: Operculum syndrome from brain abscess in a left-hander, (L) 307
COSNETT JE. *See* HARIBHAI HC, 158
COUSENS S. *See* HARRIES-JONES R, 1113
COWAN CP. *See* RUGG MD, 691
CRANIAL NERVE PALSIES
following cervical epidural anaesthesia, (L) 1106
sixth: complicating psittacosis, (L) 1462
CRAWFORD P. *See* DICK JPR, 1105
CRAWFORD PM, LLOYD KG, CHADWICK DW: CSF gradients for amino acid neurotransmitters, 1193
CREATINE KINASE
high blood levels in asymptomatic benign familial spinal muscular atrophy, (L) 452
serum: race-gender differences among South Africans, 301
CREED F. *See* METCALFE R, 1387
CREUTZFELDT-JAKOB SYNDROME
in England and Wales, 1980–1984: potential risk factors, 1113
lithium toxicity, 120
transmissible agent in the amyotrophic form, (L) 1459
CRITCHLEY EMR, PHILLIPS M: Unusual idiosyncratic reactions to carbamazepine, (L) 1238
CROCKARD AD, MCNEILL TA, MCKIRGAN J, HAWKINS SA: Determination of activated lymphocytes in peripheral blood of patients with multiple sclerosis, 139
CRUCCU G. *See* BERARDELLI A, 677
CRUZ G. *See* IRIARTE LM, 1457
CRUZ M, ERNERUDH J, OLSSON T, HÖJEBERG B, LINK H: Occurrence and isotype of antibodies against peripheral nerve myelin in serum from patients with peripheral neuropathy and healthy controls, 820
CRYPTOCOCCUS
meningitis: intracranial hypertension causing visual failure, 944
CSECSEI G, HOFFMANN O, KLUG N, LAUN A, SCHÖNMAYR R, ZIERSKI J: Primary and Secondary Brain Stem Lesions (*Acta Neurochirurgica Suppl 40*), (R) (1988) 1370
CUENDET F. *See* KRISS A, 1253
CULBERSON JL. *See* RINGEL RA, 1597
CULL RE. *See* HEATH JP, 436
CURRIE S. *See* BAMFORD JM, 1364
CUTANEOUS SENSIBILITY

altered by acute intraoral pain?, 1032
evaluation in newly diagnosed Type I diabetes, 1420
CYANIDE POISONING
dystonic-Parkinsonian syndrome: clinical and MRI findings, 1345
CYBULSKI GR, D'ANGELO CM: Neurological deterioration after laminectomy for spondylotic cervical myeloradiculopathy: the putative role of spinal cord ischaemia, 717
CYCLISTS
compressive mononeuropathy of deep palmar branch of ulnar nerve, 1588
CYCLOSPORIN
neurotoxicity in cardiac transplant recipients, 1434
CYSTICERCOSIS
cerebral: surgery for multiple cysts, (L) 1006
CYSTS. *See* ARACHNOID CYSTS; EPENDYMAL CYSTS
CYTOCHROME C OXIDASE DEFICIENCY
partial, of muscle in mitochondrial encephalomyopathy, 704

D'ALESSANDRO R, BENASSI G, LENZI PL, GAMBERINI G, SACQUEGNA T, DE CAROLIS O, LUGARESI R: Epidemiology of headache in the Republic of San Marino, 21
D'ALESSANDRO R, BENASSI G, MARTINELLI P: Motor entrapment neuropathies in the elderly, (L) 311
D'ALESSANDRO R, SACQUEGNA T, PAZZAGLIA P, LUGARESI E: Post epileptic headache and migraine, (MA) 596
DANESI MA: Seasonal variations in the incidence of photoparoxysmal response to stimulation among photosensitive epileptic patients: evidence from repeated EEG recordings, 875
D'ANGELO CM. *See* CYBULSKI GR, 717
D'OLHABERRIAGUE L. *See* OLIVERAS C, 999
DAIF AK. *See* BAHEMUKA M, 1017
DALESSIO DJ, ed: Wolff's Headache and Other Head Pain 5th ed, (R) (1987) 1369.
DALL'AGATA D. *See* ABBRUZZESE G, 796
DALY JM. *See* HARPER CG, 124, 909
DAM M, JOHANNESSEN SI, NILSSON B, SILLANPAA M, eds: Epilepsy: Progress in Treatment, (R) (1987) 599
DANIELS DL: Cranial and Spinal Magnetic Resonance Imaging: an Atlas and Guide, (R) (1987) 1012
DARAS M, GEORGAKOPOULOS T, AVDELIDIS D: Late onset posthemiplegic dystonia in systemic lupus erythematosis, (L) 151
DAVALOS A, CENDRA E, GENIS D, LOPEZ-POUSA S: The frequency, characteristics and prognosis of epileptic seizures at the onset of stroke, (MA) 1464
DAVIES AM. *See* FITZGERALD R, 878
DAVSON H, WELCH K, SEGAL MB: Physiology and Pathophysiology of the Cerebrospinal Fluid, (R) (1986) 469
DAY BL. *See* MAERTENS DE NOORDHOUT A, 174
DE BAKKER HM. *See* WINTZEN AR, 1542
DE BARSY TH. *See* GHILAIN S, 732
DE CAROLIS P. *See* D'ALESSANDRO R, 21
DEECKE L. *See* BRUCKE T, 456
DEGENERATIVE DISORDERS
leukocyte GDH activity, 893
DEGOS JD. *See* MANN MW, 588
DE GRANDIS D. *See* PROVENZANO C, 1228
DE KONING P, WIENEKE GH, VAN DER MOST VAN SPIJK D, VAN HUFFELEN AC, GISPEN WH, JENNEKENS FGI: Estimation of the number of motor units based on macro-EMG, 403
DELALOYE BISCHOF A. *See* BOGOUSSLAVSKY J, 116
DE LANGE GG. *See* CHIU H-C, 214
DELIRIUM *See* MANIC DELIRIUM
DELL J. *See* HERMANN BP, 203
DELWAIDE PJ, OLIVIER E: Short-latency autogenic inhibition (I B inhibition) in human spasticity, 1546
DEMENTIA *See also* ALZHEIMER'S DISEASE
and cognitive impairment in Parkinson's disease, 1498
frontal lobe type, 353
multi-infarct: aetiological considerations and risk factors, 1489
multi-infarct: auditory long latency event-related potentials, 1120
multi-infarct: decreased CSF neuron-specific enolase, 549
vascular: accuracy of clinical diagnosis, 1037
vascular, white matter changes: differentiation from Alzheimer's disease, (MA) 318
DENDRITES
basal: of hippocampal CA1 pyramidal cells in senile dementia of Alzheimer type, 1088
DENIAL
of handicap after infarction of right basal ganglia: case study, 112
of hemichorea in caudate infarction diagnosed by MRI, (L) 590
DENISLIC M. *See* TRONTELJ JV, 950
DENNIS M. *See* BAMFORD JM, 1373
DENNY T. *See* TROIANO R, 980
DEPRESSION
after mild head injury: case control study, 722
characterisation of messenger RNA extracted from post-mortem brain, 325
in relation to motor symptoms and intellectual impairment in Parkinson's disease, 855
Parkinson's disease: psychometric properties of the Beck Depression Inventory, 1401
somatostatin content and receptors in cerebral cortex, 719
DERMATOMYOSITIS
relapsing, associated with sarcoidosis, (L) 311
DERMOTT E. *See* CONNOLLY JH, 1459
DERVIN E. *See* REDFERN RM, 803
DESSEIN PHMC. *See* GLEDHILL RF, 1238
DE VELLIS J, LAUDER J, MALLET J, PRIVAT A, PEREZ-PELO JR, eds: Molecular Biology in Basic and Clinical Neuroscience Research, (R) (1986) 322
DEVEREUX C. *See* TROIANO R, 980
DE VILLIERS JC. *See* TEASDALE GM, 1457
DEVINSKY O, FELDMAN E: Examination of the Cranial and Peripheral Nerves, (R) (1988) 1248
DE VOLDER AG, SINDIC CJM, GOFFINET AM: Effect of D-penicillamine treatment on brain metabolism in Wilson's disease: case study, 947
DE VOLDER AG. *See* LATERRE EC, 427
DE WAAL LP. *See* SCHIEVINK WI, 883
DIABETES INSIPIDUS
and familial cerebellar ataxia, 1576
DIABETES MELLITUS
newly diagnosed Type I: evaluation of thermal, pain, and vibration sensation thresholds, 1420
DIASTEMATOMYELIA
ectopic midline spinal ganglion: connections, 1231
DICK JPR, SMAJE JC, CRAWFORD P, MEARA RJ, SHEPHERD DI: Delayed somatosensory evoked potentials in pernicious anaemia with intact peripheral nerves, (L) 1105
DICKSON JG. *See* WALSH FS, 136
DIEBLER C, DULAC O: Pediatric Neurology and Neuroradiology: Cerebral and Cranial Diseases. (R) (1987) 892
DIEPPE C. *See* WOOD N, 731
DIETZ V. *See* BERGER W, 568
DI FALCO M. *See* ZAFFARONI M, 1465
3, 4-DIHYDROXYPHENYLACETIC ACID
ontogeny in human CSF, 1100
DILIBERTI JH. *See* ROSENBERG NL, 1578

DI ROCCO C: The Treatment of Infantile Hydrocephalus. 2 vols, (R) (1988) 1470
DISCONNECTION EFFECTS, INTERHEMISPHERIC
in multiple sclerosis, 1445
DISCS *See* INTERVERTEBRAL DISCS
DIVATE PG, APTE CA: Focal epilepsy in India, (MA) 1365
DIXON LM. *See* KISH SJ, 552
DNA
lability induced by nimustine and ramustine in rat glioma cells, 1391
leukocyte mitochondrial: restriction endonuclease analysis in Leber's optic atrophy, 1075
DODWELL D: The heterogeneity of social outcome following head injury, 833
DOERING W. *See* RINGELSTEIN EB, 1051
DOESBURG W. *See* LAMERS KJB, 1334
DOLENC VV, ed: The Cavernous Sinus, (R) (1987) 890
DOMINGUEZ RO, BRONSTEIN AM: Complete gaze palsy in pontine haemorrhage, (L) 150
DONACHY M, BRETT EM, ORMEROD IEC, KING RHM, THOMAS PK: Giant axonal neuropathy: observations on a further patient, 991
DONLEY DK. *See* EVANS BK, 709
DONOFRIO PD, WALKER FO: Tabes dorsalis: electrodiagnostic features, 1097
DORMANDY J. *See* QUINN N, 728
DOWDALL MJ, HAWTHORNE JN, eds: Cellular and Molecular Basis of Cholinergic Function (Ellis Horwood Series in Biomedicine), (R) (1987) 471
DOWLING JE: The Retina, (R) (1988) 1472
DOWLING PC. *See* TROIANO R, 980
DOWNES JJ. *See* MORRIS RG, 757
DRAKE CG. *See* TEASDALE GM, 1457
DRIESEN N. *See* WEINBERGER DR, 94
DRUG WITHDRAWAL SYMPTOMS
phenytoin, carbamazepine and sodium valproate, 924
DRUMMOND PD. *See* LANCE JW, 635
DUBROW TJ. *See* WACKYM PA, 885
DUNCAN JS, SHORVON SD, TRIMBLE MR: Withdrawal symptoms from phenytoin, carbamazepine and sodium valproate, 924
DUNCAN R: Local autonomic failure affecting a limb, (MA) 157
DUNCAN R, BONE I, MELVILLE ID: Essential tremor cured by infarction adjacent to the thalamus, (L) 591
DUNCAN R, PATTERSON J: Regional cerebral blood flow in epilepsy studied with xenon enhanced CT, (MA) 1366
DUNGER DB. *See* HARDING BN, 385
DUVOISIN RC, NICKLAS WJ, RITCHIE V, SAGE J, CHOKROVERTY S: Low leukocyte glutamate dehydrogenase activity does not correlate with a particular type of multiple system atrophy, 1508
DUYCKAERTS C. *See* CERVERA P, 1104
DWORKIN JP, HARTMAN DE: Cases in Neurogenic Communicative Disorders, (R) (1988) 1372
DYCK PJ, THOMAS PK, ASBURY AK, eds: Diabetic Neuropathy, (R) (1987) 598
DYSPHAGIA
in inclusion body myositis, 1542
DYSPRAXIA
association of gegenhalten in upper limbs, 995
DYSTONIA *See also* POSTHEMIPLEGIC DYSTONIA
acquired focal, following recovery from central pontine myelinolysis, (L) 1354
acute reaction with asterixis and myoclonus following metoclopramide therapy, (L) 1002
and tremor induced by peripheral trauma: predisposing factors, 1512
constipation and paradoxical puborectalis contraction in anismus and Parkinson's disease, 1503
in homocystinuria, 859
juvenile progressive: presentation of hexosaminidase A deficiency, (L) 446
DYSTONIC-PARKINSONIAN SYNDROME
after cyanide poisoning: clinical and MRI findings, 1345
DYSTROPHY *See also* MYOTONIC DYSTROPHY
facioscapulohumeral: jitter in facial muscles, 950

EEG
argon laser induced cortical responses: pre-pain and pain perception, 43
seasonal variations in incidence of photoparoxysmal response to stimulation among photosensitive epileptics, 875
EMG
estimation of number of motor units based on macro-EMG, 403
jitter in stimulated orbicularis oculi muscle: technique and normal values, 814
macro EMG: short term stability of single motor unit recordings in motor neuron disease, 671
spastic paresis: impaired spinal reflexes and intact motor programs, 568
ECLAMPSIA
neurological complications, 416
EBMEIER KP. *See* BESSON JAO, 318
ECCLES J, TIENGO M, CUELLO AC, OTTOSON D, eds: Pain and Mobility (*Advances in Pain Research and Therapy Vol 10*), (R) (1987) 1013
ECTOPIC MIDLINE SPINAL GANGLION
in diastematomyelia: connections, 1231
EDROPHONIUM
paradoxical reversal of ptosis in myasthenia gravis, (L) 315
68-GA-EDTA
assessment of blood-brain barrier permeability in multiple sclerosis, 1058
EDUARDO E, BURKE D: The optimal recording electrode configuration for compound sensory action potentials, 684
EDWARDS RHT. *See* COAKLEY JH, 1551
EDWARDS RHT. *See* COOPER RG, 1134
EHLERS DANLOS SYNDROME
spontaneous carotid cavernous fistula, 984
EICHMAN PL. *See* MORRIS GL, 457
EIKENBOOM WMH. *See* VECHT CHJ, 467
EIKMEIER G, KUHLMANN R, GASTPAR M: Thrombosis of cerebral veins following intravenous application of clomipramine, (L) 1461
EISENBERG HM. *See* LEVIN HS, 14, 1294
EJACULATION
and testicular size in complete spinal cord section: neurological correlations, 197
EKBLOM A, HANSSON P: Pain intensity measurements in patients with acute pain receiving afferent stimulation, 481
EKBLOM A. *See* HANSSON P, 1032
ELECTRICAL STIMULATION *See also* PERCUTANEOUS ELECTRICAL STIMULATION
exaggerated long latency reflex response in Parkinson's disease: afferent contribution, 1405
ELECTROPHYSIOLOGY
tabes dorsalis. 1097
ELSTON J. *See* GRANDAS F, 767
EMAMI J. *See* MODARRES-SADEGHI H, 1146
ENCEPHALITIS *See also* ACUTE HAEMORRHAGIC LEUCOENCEPHALITIS
brainstem, and adult coeliac disease, (L) 456
herpes simplex: recovery with selective impairment of specific semantic categories, 1284

herpes simpex virus type II, in a non-immunocompromised adult, (L) 455
listeria: with intermittent symptoms and serological diagnosis, (L) 458
ENCEPHALOMYELITIS
chronic: two necropsy cases, 1084
ENCEPHALOMYOPATHY. *See* MITOCHONDRIAL ENCEPHALOMYOPATHY
ENCEPHALOPATHY *See* BINSWANGER'S DISEASE
ENDO C. *See* KAKIGI R, 1094
ENDOCRINE ADENOMATOSIS, MULTIPLE
Type 2A, and neurofibromatosis associated with myotonic dystrophy and hyperparathyroidism, 1578
ENOLASE, NEURON-SPECIFIC
CSF, in multi-infarct dementia and Alzheimer's disease, 549
ENTRAPMENT NEUROPATHIES
motor: in the elderly, (L) 311
EPENDYMAL CYSTS
of spinal cord presenting with acute paraplegia, (L) 885
EPILEPSY *See also* COMPLEX PARTIAL STATUS EPILEPTICUS
adrenal cortex hormones in males before and during a 2-year phenytoin treatment, 374
aspartic acid aminotransferase activity, 552
concentration-effect relationships with carbamazepine and its epoxide, 929
focal, in India, (MA) 1242, 1365
hemispheric lesions causing transient feelings of compulsion, 266
involuntary orofacial movements in hospitalised patients, 863
mefloquine use, (L) 732
midazolam in treatment of seizures, (L) 732
negative hallucinations: ictal phenomenon of partial complex seizures, (L) 454
neurological, psychosocial and demographic correlates of hypergraphia, 203
orbital frontal: case report, (L) 146
post-ictal headache and migraine, (MA) 596
primary reading: comprehension as effective trigger, 128
regional cerebral blood flow: xenon enhanced CT, (MA) 1366
scrotal pain and testicular jerking, (MA) 160
seasonal variations in incidence of photoparoxysmal response to stimulation among photosensitive patients, 875
secondary bilateral synchrony in unilateral pial angiomatosis: successful surgical treatment, 663
seizures at onset of stroke, 273, (MA) 1464
serum prolactin evaluation after "minor" generalised seizures monitored by EEG, (L) 308
temporal lobe, and St Paul, (MA) 886
vomiting as an ictal manifestation of seizures and syndromes, 1448
EPSTEIN FJ. *See* MANGIARDI JR, 966
ERDOHAZI M. *See* HARDING BN, 385
ERKINJUNTTI T, HALTIA M, PALO J, SULKAVA R, PAETAU A: Accuracy of the clinical diagnosis of vascular dementia: a prospective clinical and post-mortem neuropathological study, 1037
ERKINJUNTTI T. *See* SULKAVA R, 549
ERNERUDH J. *See* CRUZ M, 820
ERNERUDH J. *See* JENSEN TJS, 1308
ERYTHROPHAGOCYTIC LYMPHOHISTIOCYTOSIS
associated peripheral neuropathy, 291
ESCHENFELDER V. *See* RINGELSTEIN EB, 1051
ESCHERICHIA COLI
meningitis and disseminated strongyloidiasis, (L) 1596
ESCUDERO J. *See* IRIARTE LM, 1457
ESIRI MM. *See* WILCOCK GK, 842
EVANS BK, DONLEY DK: Pseudohypoparathyroidism, Parkinsonism syndrome, with no basal ganglia calcification, 709
EVENDEN JL. *See* MORRIS RG, 757
EVENT RELATED POTENTIALS
auditory long latency, in Alzheimer's disease and multi-infarct dementia, 1120
in closed head injury, 691
EVOKED POTENTIALS, CEREBRAL
ultralate: correlates of delayed pain perception in neurosyphilis, 1330
EVOKED POTENTIALS, MULTIMODALITY
in HTLV-1 associated myelopathy, 1094
EVOKED POTENTIALS, SOMATOSENSORY
delayed in pernicious anaemia with intact peripheral nerves, (L) 1105
dermatomal: in lumbosacral root compression, (MA) 740
following nerve and segmental stimulation do not confirm cervical radiculopathy with sensory deficit, 182
lumbar and cortical, in rats with vitamin E deficiency, 432
lumbosacral spinal: origins in humans, 499, (MA) 1600
EVOKED POTENTIALS, VISUAL
and neopterin: biopterin ratios in urine: high correlations in Alzheimer's disease, (L) 314
EVOLI A. *See* PROVENZANO C, 1228
EWING DJ. *See* HEATH JP, 436
EXERCISE
relief of common migraine, (MA) 1011
EXTRAPYRAMIDAL SYSTEM
reactions to anti-inflammatory drugs, (L) 731
EYE MOVEMENTS *See also* GAZE PALSY
clinical spectrum of ocular bobbing and ocular dipping, 725
reflex outcome prediction in coma, (MA) 318
EYES
loss of unilateral closure and right parietal lesion, (L) 1008

FABRY'S DISEASE
MRI, (L) 1240
FACE
sudden onset of unilateral flushing and sweating: Harlequin syndrome, 635
FACIAL EXPRESSION
emotional and non-emotional in unilateral brain damage, 826
study in Parkinson's disease using a novel microcomputer-based method, 362
FACIAL NERVE
proximal: evaluation of conduction by transcranial magnetic stimulation, 60
FACIAL PALSY. *See* BELL'S PALSY
FACIOSCAPULOHUMERAL DYSTROPHY
jitter in facial muscles, 950
FACTOR SA, SANCHEZ-RAMOS J, WEINER WJ: Parkinson's disease: an open label trial of pergolide in patients failing bromocriptine therapy, 529
FAHN S, MARSDEN CD, CALNE DB, eds: Dystonia 2 (*Advances in Neurology Vol 50*), (R) (1988) 1372
FAIRBAIRN AF. *See* CHARLTON BG, 719
FALKE HM, ed: Essentials of Clinical MRI, (R) (1987) 743
FAMILIAL AMYLOIDOTIC POLYNEUROPATHY
without familial occurrence: carrier detection by radioimmunoassay, 576
FATIGUE. *See* POST INFECTION FATIGUE SYNDROME
FAVALE E. *See* ABBRUZZESE G, 796
FAZIO F. *See* VALLAR G, 1269

FEELY M. *See* HAIGH JRM, 1008
FEHRENBACH RA. *See* WALLESCH C-W, 367
FEIBEL FC. *See* ANDERSON GM, 1100
FERGUSON IT. *See* COOPER TJ, 152
FERNANDEZ PARDAL J. *See* FERNANDEZ PARDAL M, 158
FERNANDEZ PARDAL M, FERNANDEZ PARDAL J, MICHELI F: Aggravation of Parkinson's disease by cinnarizine, (MA) 158
FERRANTE L, PALATINSKY E, ACQUI M, MASTRONARDI L: Endaural extracranial repair for cerebrospinal otorrhoea with human fibrin glue: technical note, 1438
FERRARI MD: Relief of common migraine by exercise, (MA) 1011
FERRARI MD, HILKENS PHE, KREMER B, POLDER TW: Inermittent pyramidal claudication as presenting and sole symptom in multiple sclerosis, (L) 147
FERRAZZINI M. *See* BOGOUSSLAVSKY J, 116
FERRIER IN. *See* CHARLTON BG, 719
FERRO-MILONE F. *See* PIETRINI V, 1284
FEUERMAN T. *See* WACKYM PA, 885
FEVER, ACUTE
and delayed leukoencephalopathy following low dose intraventricular methotrexate, 1277
FIBRIN GLUE. *See* HUMAN FIBRIN GLUE
FIELDS HL: Pain—Mechanisms and Management, (R) (1987) 744
FIESCHI C. *See* POZZILLI C, 1058
FINA A. *See* ROIG M, 1091
FINDLEY LJ. *See* CLEEVES L, 379
FINGERS
stability and tremor: cerebellar hemisphere and cerebellar tract lesions in man, 1558
stability and tremor: frontoparietal lesions, 1411
FIRTH D. *See* METCALFE R, 1387
FISCHER DK. *See* SIMPSON RK, 1349
FISH DR, HOWARD RS, WILES CM, SIMON L: Respiratory arrest: a complication of cerebellar ectopia in adults, 714
FISTULA. *See* CAROTID CAVERNOUS FISTULA
FITCH W, PICKARD JD, TAMURA A, GRAHAM DI: Effects of hypotension induced with sodium nitroprusside on the cerebral circulation before, and one week after, the subarachnoid injection of blood, 88
FITZGERALD R, DAVIES AM: The value of routine CSF analysis during lumbar radiculography for low back pain, 878
FLUORIDE
in CSF of patients with fluorosis, 1591
FLUSHING, FACIAL
unilateral: Harlequin syndrome, 635
FOGELHOLM R, LARU-SOMPA R: Brain death and pinpoint pupils, (L) 1002
FOLSTEIN M. *See* STARKSTEIN SE, 1259
FOLSTEIN S. *See* STARKSTEIN SE, 1259
FORNARELLI M. *See* BERARDELLI A, 677
FORSGREN L. *See* FROHLANDER N, 440
FORSTER GE. *See* BROWN MM, 425
FORTGENS C. *See* VAN WOERKOM TCAM, 630
FOWLER CJ, SITZOGLOU K, ALI Z, HALONEN P: The conduction velocities of peripheral nerve fibres conveying sensations of warming and cooling, 1164
FOWLER CJ. *See* GROSS MLP, 1341
FOWLER G. *See* BAMFORD JM, 1373
FOWLER T, ed: Headache (*Practical Clinical Medicine*), (R) (1987) 1014
FOX R, POPE FM, NARCISI P, NICHOLLS AC, KENDALL BE, HOURIHAN MD, COMPSTON DAS: Spontaneous carotid cavernous fistula in Ehlers Danlos syndrome, 984
FRACKOWIAK RSJ. *See* HEROLD S, 1045
FRANCIS DA. *See* KRISS AM, 1253
FREEMAN H. *See* HUSSAIN ES, 345
FRIED R: The Hyperventilation Syndrome: Research and Clinical Treatment, (R) (1987) 164, (MA) 1600
FRIEDLI WG, COHEN L, HALLETT M, STANHOPE S, SIMON SR: Postural adjustments associated with rapid voluntary arm movements. II. Biomechanical analysis, 232
FRIEDREICH'S ATAXIA
central motor conduction: magnetic stimulation, 790
FRITH JA, MCLEOD JG: Pregnancy and multiple sclerosis, 495
FRÖHLANDER N, FORSGREN L: Haptoglobin groups in motor neuron disease, 440
FROHMAN LP. *See* KUPERSMITH MJ, 1381
FRONTAL LOBE
dementia, 353
manic delirium and frontal-like syndrome with paramedian infarction of the right thalamus, 116
FRONTOPARIETAL LESIONS
effect on stability and tremor in the finger, 1411
FRUNS M. *See* GUILOFF RJ, 1022
FUJITA M. *See* MIYAI I, 453
FURLAN AJ, ed: The Heart and Stroke: Exploring Mutual Cerebrovascular and Cardiovascular Issues (*Clinical Medicine and the Nervous System*), (R) (1987) 323
FURUKAWA T. *See* YAMADA M, 452
FUSHINI S. *See* MINEURA K, 1391

GABOR AJ. *See* SEYAL M, 1600
GABREELS FJM. *See* VAN ERVEN PMM, 704
GADE GF. *See* WACKYM PA, 885
GAILLARD G. *See* CERVERA P, 1104
GAIST G. *See* SERVADEI F, 526
GALASKO CSB, ed: Neuromuscular Problems in Orthopaedics, (R) (1987) 323
GALE AN. *See* KEMPSTER PA, 859
GALJAARD H, PRECHTL HFR, VELICKOVIC M, eds: Early Detection and Management of Cerebral Palsy, (R) (1987) 744
GALL GKSE. *See* SIMPSON RK, 1349
GALLI G. *See* CANDRINA R, 1005
GAMBERINI G. *See* D'ALESSANDRO R, 21
GAMMA-VINYL GABA. *See* VIGABATRIN
GANDEVIA SC. *See* LANCE JW, 635
GANDEVIA SC. *See* LLOYD AR, 1316
GANGLIOSIDE GMI
trial in acute stroke, 1213
GARCIA J. *See* OLIVERAS C, 999
GARCIA-MONCO C, BERCIANO J: Sarcoid meningitis: high adenosine deaminase levels in CSF and results of cranial irradiation, (L) 1594
GARFINKEL PE, GARNER DM, eds: Role of Drug Treatment for Eating Disorders (*Brunner/Mazel Eating Disorders Monographs*), (R) (1987) 600
GARNETT ES. *See* LANG AE, 1010
GAROUTTE B: Survey of Functional Neuroanatomy 2nd ed, (R) (1987) 598
GARRATT JC. *See* HAIGH JRM, 1008
GASNAULT J, ROUX FX, VEDRENNE C. Cerebral astrocytoma in association with HIV infection, 422
GASTPAR M. *See* EIKMEIER G, 1461
GASTRIN
responses in adrenergic insufficiency, 67
GAYMARD B. *See* BELIN C, 1008
GAZE PALSY
complete, in pontine haemorrhage, (L) 150
lateral, due to giant aneurysm of posterior fossa, (L) 883
GEEHAN GR. *See* MENDEZ MF, 1
GEGENHALTEN
in upper limbs: association with dyspraxia, 995
GELWAN MJ, KELLEN RI, BURDE RM, KUPERSMITH MJ: Sarcoidosis of the anterior visual pathway: successes and failures, 1473
GEMMELL HG. *See* REID IC, 1264
GENIS D. *See* DAVALOS A, 1464

GENT JP. *See* HAIGH JRM, 1008
GENTILINI M. *See* SCHOENHUBER R, 722
GEORGAKOPOULOS T. *See* DARAS M, 151
GESCHWIND N, GALABURDA AM: Cerebral Lateralisation: Biological Mechanisms, Associations and Pathology, (R) (1896) 321
GHATEI MA. *See* ANAND P, 192
GHEZZI A. *See* ZAFFARONI M, 1465
GHILAIN S, VAN RIJCKEVORSEL-HARMANT K, HARMANT J, DE BARSY TH: Midazolam in the treatment of epileptic seizures, (L) 732
GIANT AXONAL NEUROPATHY
observations on a further patient, 991
GIANT CELL ARTERITIS. *See* TEMPORAL ARTERITIS
GIAQUINTO S: Aging and the Nervous System, (R) (1988) 1603
GIBB WRG, LEES AJ: The relevance of the Lewy body to the pathogenesis of idiopathic Parkinson's disease, 745
GIBB WRG. *See* WILL RG, 1224
GILARDI N, BAZAK I, HAREL D: Myotonic dystrophy with unilateral bulbar involvement, 1461
GILBERT J. *See* KISH SJ, 544
GILBERT JJ. *See* YEE WC, 808
GILL JS. *See* SHINTON RA, 273
GILLES DE LA TOURETTE SYNDROME
contingent negative variation in adults, 630
oculomotor control, 1081
GILLHAM RA, WILLIAMS N, WIEDMANN K, BUTLER E, LARKIN JG, BRODIE MJ: Concentration effect relationships with carbamazepine and its epoxide on psychomotor and cognitive function in epileptic patients, 929
GIROTTI GF, SOLIVERI P, CARELLA F, PICCOLO I, CAFFARRA P, MUSICCO M, CARACENI T: Dementia and cognitive impairment in Parkinson's disease, 1498
GISPEN WH. *See* DE KONING P, 403
GLANTZ RH, RISTANOVIC RK: Abdominal muscle paralysis from herpes zoster, (L) 885
GLEDHILL RF, DESSEIN PHMC: Autonomic neuropathy in systemic lupus erythematosus, (L) 1238
GLEDHILL RF, VAN DER MEERWE CA, GREYLING M, VAN NIEKERK MM: Race gender differences in serum creatine kinase activity: a study among South Africans, 301
GLEDHILL RF. *See* ASHERSON RA, 1458
GLENNER GG, WURTMAN RJ, eds: Advancing Frontiers in Alzheimer's Disease, (R) (1987) 1471
GLIOMA
brain stem: mimicking progressive basilar artery thrombosis, (L) 457
cells: DNA liability induced by nimustine and ramustine in rat, 1391
metastatic carcinoma: three cases with critical review of literature, 256
GLIOSIS
progressive subcortical: presenting clinically as Steele-Richardson-Olszewski syndrome, 1224
GLOMERULONEPHRITIS, MEMBRANOUS
and Grover disease with diverse neurological abnormalities; immunological disorder due to poliovirus infection?, (L) 313
GLUTAMATE DEHYDROGENASE
leukocyte: activity in degenerative disorders, 893
leukocyte: decreased protein in spinocerebellar degeneration, 1078
leukocyte: low activity does not correlate with particular type of multiple system atrophy, 1508
GNATHOSTOMA SPINIGERUM
CNS invasion in Thailand, 80
GOFFINET AM. *See* DE VOLDER A, 947
GOFFINET AM. *See* LATERRE EC, 427
GOH BT. *See* BROWN MM, 425
GOLDSTEIN FC. *See* LEVIN HS, 1294
GOODE DJ, MANNING AM: Specific imbalance of right and left sided motor neuron excitability in schizophrenia, 626
GOODIN DS. *See* AMINOFF MJ, 740
GORDON MF: New onset choreiform disorder in an adult with recent Group A beta haemolytic streptococcal pharyngitis, (L) 448
GOSS-SAMPSON MA, KRISS A, MUDDLE JR, THOMAS PK, MULLER DPR: Lumbar and cortical somatosensory evoked potentials in rats with vitamin E deficiency. 432
GOULDING P. *See* NEARY D, 353
GOURIE-DEVI M: Motor Neurone Disease, (R) (1987) 601
GOURIE-DEVI M, SURESH TG: Madras pattern of motor neuron disease in South India, 773
GRAFTON ST, BAHLS FH, BELL KR: Acquired focal dystonia following recovery from central pontine myelinolysis, (L) 1354
GRAHAM DI. *See* FITCH W, 88
GRAHAM DI. *See* RICHARDS A, 416
GRAHAM DI. *See* SINAR EJ, 651
GRANDAS F, ELSTON J, QUINN N, MARSDEN CD: Blepharospasm: a review of 264 patients, 767
GRANULOMATOUS ANGIITIS
CNS: protean manifestations and treatment response, 1126
GRANULOMATOSIS, LYMPHOMATOID
Parkinsonism as first manifestation, (L) 999
GRANT DB. *See* HARDING BN, 385
GRASSI MP. *See* CARELLA F, 1345
GRASSI MP. *See* NORBIATO G, 903
GRAY IA. *See* WINER JB, 619
GRAZIA BONGIORNI M. *See* BONUCCELLI U, 154
GRECO A. *See* LANE RJM, 1434
GREEN S: Physiological Psychology: an Introduction, (R) (1987) 604
GREENWOOD RJ. *See* BATEMAN DE, 699
GREGSON NA. *See* WINER JB, 619
GREIFFENSTEIN MF. *See* HAKIM H, 839
GREYLING M. *See* GLEDHILL RF, 301
GRIES FA. *See* ZIEGLER D, 1420
GRIFFITHS RA, MCCARTHY ST, eds: Degenerative Neurological Disease in the Elderly, (R) (1987) 321
GRIFFITHS RD. *See* COAKLEY JH, 1551
GROSS M. *See* KREEGER L, 999
GROSS MLP, FOWLER C, HO R, RUSSELL RCG, HARRISON MJG: Peripheral neuropathy complicating pancreatitis and major pancreatic surgery, 1341
GROVER DISEASE
and membranous glomerulonephritis with diverse neurological abnormalities; immunological disorder due to poliovirus infection?, (L) 313
GROWTH HORMONE SECRETION
effect of mazindol in boys with Duchenne muscular dystrophy, 1551
GUBBAY SS. *See* HANKEY GJ, 1588
GUILLAIN-BARRÉ SYNDROME
model of random conduction block, 1158
GUILLEMINAULT C, ed: Sleep and its Disorders in Children, (R) (1986) 162
GUILOFF RJ, FRUNS M: Limb pain in migraine and cluster headache, 1022
GUILOFF RJ, MODARRES-SADEGHI H, STALBERG E, ROGERS H: Short-term stability of single motor unit recordings in motor neuron disease: a macro EMG study, 671
GUILOFF RJ. *See* MODARRES-SADEGHI H, 1146
GUPTA AK. *See* SHINTON RA, 273
GUREJE O: Topographic subtypes of tardive dyskinesia in schizophrenic patients aged less than 60 years: relationship to demographic, clinical, treatment and neuropsychological variables, 1525
GUTMAN A. *See* SHAHAR E, 298

GUZ I. *See* OSTROWSKA Z, 374

HAAN J, CAEKEBEKE JFV, VAN DER MEER FJM, WINTZEN AR: Cerebral venous thrombosis as presenting sign of myeloproliferative disorders, 1219
HAAS J. *See* STARK E, 977
HADLEY DM. *See* WILSON JTL, 391
HAEMANGIOBLASTOMA
congenital spinal cord: cause of spinal cord section syndrome in newborn, 1091
HAEMANGIOPERICYTOMA
of sacral canal: case report, 288
HAEMATOMA. *See also* SUBDURAL HAEMATOMA
brainstem: literature review and five cases, 966
lenticular: secondary micrographia, (L) 1353
HAEMORRHAGE. *See also* INTRACEREBRAL HAEMORRHAGE; PONTINE HAEMORRHAGE; SUBARACHNOID HAEMORRHAGE
brainstem, causing lacunar syndromes, 509
HAEMOSIDEROSIS
chronic subarachnoid bleeding and slowly progressive neurological syndrome, (L) 148, (MA) 1465.
HAFSTEIN M. *See* TROIANNO R, 980
HAGEMAN LM. *See* SCHIEVINK WI, 883
HAHN AF. *See* YEE WC, 808
HAIGH JRM, GENT JP, GARRATT JC, PULLAR T, FEELY M: Disappointing results of increasing benzodiazepine dose after the development of anti-convulsant tolerance, (L) 1008
HAINES DE: Neuroanatomy: an Atlas of Structure, Sections and Systems, 2nd ed, (R) (1987) 602
HAKIM H, VERMA NP, GREIFFENSTEIN MF: Pathogenesis of reduplicative paramnesia, 839
HALES JP. *See* LLOYD AR, 1316
HALLETT M. *See* FRIEDLI WG, 232
HALLIDAY AM, BUTLER SR, PAUL R, eds: A Textbook of Clinical Neurophysiology, (R) (1987) 324
HALLIDAY AM. *See* KRISS A, 1253
HALLUCINATIONS. *See* MUSICAL HALLUCINATIONS: NEGATIVE HALLUCINATIONS
HALONEN P. *See* FOWLER CJ, 1164
HALTIA M. *See* ERKINJUNTTI T, 1037
HAMMANS SR. *See* BARNES D, 159
HAMON CGB, CATTELL RJ, WRIGHT CE, WYCHRIJ O, BLAIR JA, HARDING GFA: Visual evoked potentials and neopterin: biopterin ratios in urine show a high correlation in Alzheimer's disease, (L) 314
HAMPSHIRE
New Forest area: neurological complications of *Borrelia burgdorferi*, 699
HAND CONTRACTURES
in Parkinson's disease, 1221
HANDEDNESS
operculum syndrome from brain abscess in a left-hander, (L) 307
HANKEY GJ, GUBBAY SS: Compressive mononeuropathy of the deep palmar branch of the ulnar nerve in cyclists, 1588
HANKEY GJ, PERLMAN D: Polyneuropathy cranialis following cervical epidural anaesthesia, (L) 1106
HANSSON P, EKBLOM A, LINDBLOM U, MARCHETTINI P: Does acute intraoral pain alter cutaneous sensibility?, 1032
HANSSON P. *See* EKBLOM A, 481
HAPTOGLOBIN
groups in motor neuron disease, 440
HARDIE RJ, LEES AJ: Neuroleptic-induced Parkinson's syndrome: clinical features and results of treatment with levodopa, 850
HARDIE RJ, YOUNG BP, MORGAN-HUGHES JA: Hexosaminidase A deficiency presenting as juvenile progressive dystonia, (L) 446
HARDING AE. *See* AUBBY D, 893
HARDING AE. *See* CLAUS D, 790
HARDING AE. *See* HOLT IJ, 1075
HARDING BN, DUNGER DB, GRANT DB, ERDOHAZI M: Familial olivopontocerebellar atrophy with neonatal onset: a recessively inherited syndrome with systemic and biochemical abnormalities, 385
HARDING GFA. *See* HAMON CGB, 314
HARDY PAJ: Local autonomic failure affecting one limb, (MA) 158
HAREL D. *See* GILARDI N, 1461
HARIBHAI HC, BHIGJEE AI, BILL PLA, COSNETT JE: Schistosoma in the spinal cord, (MA) 158
HARLEQUIN SYNDROME
sudden onset of unilateral flushing and sweating, 635
HARMANT J. *See* GHILAIN S, 732
HARPER CG, KRIL JJ, DALY JM: Brain shrinkage in alcoholics is not caused by changes in hydration: a pathological study, 124
HARPER CG, KRIL JJ, DALY JM: Does a "moderate" alcohol intake damage the brain?, 909
HARRIES-JONES R, KNIGHT R, WILL RG, COUSENS S, SMITH PG, MATTHEWS WB: Creutzfeldt-Jakob disease in England and Wales, 1980–1984: a case-control study of potential risk factors, 1113
HARRISON MJG, MARSHALL J: Cerebral infarction on CT scans in patients with transient ischaemic attacks relates to severity of angiographic disease at the carotid bifurcation, (L) 305
HARRISON MJG, MARSHALL J: The variable clinical and CT findings after carotid occlusion: the role of collateral blood supply, 269
HARRISON MJG. *See* GROSS MLP, 1341
HART Y, SCHWARTZ MS, BRUCKNER F, MCKERAN RO: Relapsing dermatomyositis associated with sarcoidosis, (L) 311
HARTMAN DB: Stridor during dystonia phases of Parkinson's disease, (MA) 161
HARTMANN A, KUTSCHINSKY W, eds: Cerebral Ischaemia and Hemorheology, (R) (1987) 1369
HARTMANN HA. *See* MORRIS GL, 457
HARVEY P: Scrotal pain with testicular jerking: an unusual manifestation of epilepsy, (MA) 160
HARVEY-WHITE J. *See* POLINSKY RJ, 914
HASHIMOTO K. *See* KAKIGI R, 1094
HASSLER W. *See* STEINMETZ H, 1355
HATTORI T, HIRAYAMA K, IMAI T, YAMADA T, KOJIMA S: Pontine lesion opsoclonus-myoclonus syndrome shown by MRI, 1572
HAUW JJ. *See* CERVERA P, 1104
HAWKINS BR, YU YL, WOO E, HUANG CY: No apparent association between HLA and multiple sclerosis in southern Chinese, 443
HAWKINS CP, HERON JR: Subarachnoid haemorrhage from spinal tumour (in the absence of spinal symptoms or signs), (L) 305
HAWKINS SA. *See* CROCKARD AD, 139
HAYAKAWA M. *See* YAMADA M, 1088
HEAD INJURIES
closed: disproportionately severe memory deficit in relation to normal intellectual functioning, 1294
closed: event related potentials, 691
early and late MRI and neuropsychological outcome, 391
heterogeneity of social outcome, 833
learning and forgetting during posttraumatic amnesia, 14
memory disorder related to coma duration, 1452
mild: case control study of anxiety and depression, 722
minor: skull fracture as risk factor of intracranial complications, 526
HEADACHE

cluster: limb pain, 1022
epidemiology in Republic of San Marino, 21
post-epileptic and migraine, 596
HEALD A. *See* MORRIS RG, 757
HEATH DA. *See* WILLIAMS CA, 447
HEATH JP, EWING DJ CULL RE: Abnormalities of autonomic function in the Lambert Eaton myasthenic syndrome, 437
HEILMAN KM. *See* BUTTER CM, 1581
HEILMAN KM. *See* KOOISTRA CA, 866
HEILMEYER H. *See* KOHLER J, 281
HEMIPLEGIA. *See also* POSTHEMIPLEGIC DYSTONIA
persistent denial of handicap after infarction of right basal ganglia: case study, 112
HEMISPHERIC LESIONS
causing transient feelings of compulsion: three cases, 266
HERMANN A. *See* STERN Y, 1584
HERMANN BP, WHITMAN S, WYLER AR, RICHEY ET, DELL J: The neurological psychosocial and demographic correlates of hypergraphia in patients with epilepsy, 203
HEROLD S, BROWN MM, FRACKOWIAK RSJ, MANSFIELD AO, THOMAS DJ, MARSHALL J: Assessment of cerebral haemodynamic reserve: correlation between PET parameters and CO_2 reactivity measured by the intravenous ^{133}xenon injection technique, 1045
HERON JR. *See* HAWKINS CP, 305
HERPES SIMPLEX VIRUS
recovery from encephalitis: selective impairment of specific semantic categories, 1284
Type II: encephalitis in non-immunocompromised adult, (L) 455
HERPES ZOSTER
abdominal muscle paralysis, (L) 885
HESS CW. *See* CLAUS D, 790
HESS CW. *See* SCHMID UD, 182
HESS CW. *See* SCHRIEFER TN, 60
HEWER RL. *See* KYRIAKIDES T, 1221
HEXOKINASE
new metabolic muscle disease due to abnormal activity, 250
HEXOSAMINIDASE A DEFICIENCY
presenting as juvenile progressive dystonia, (L) 446
HIETANEN M, TERAVAINEN H: The effect of age of disease onset on neuropsychological performance in Parkinson's disease, 244
HIGH WM. *See* LEVIN HS, 14, 1294
HIJDRA A. *See* WIJDICKS EFM, 516
HILBERMAN M, ed: Brain Injury and Protection during Heart Surgery, (R) (1987) 891
HILKENS PHE. *See* FERRARI MD, 147
HIPKIN LJ. *See* COAKLEY JH, 1551
HIPPE E. *See* JENSEN TS, 1308
HIPPOCAMPUS
Golgi study of basal dendrites of CA1 pyramidal cells in senile dementia of Alzheimer type, 1088
HIRAI S. *See* TANAKA M, 576
HIRANO M, KIRCHNER JA, BLESS DM, eds: Neurolaryngology: Recent Advances, (R) (1987) 744
HIRAYAMA K. *See* HATTORI T, 1572
HIRAYAMA K. *See* KAWAMURA M, 590
HIRAYAMA K. *See* KOMIYAMA A, 315
HIRAYAMA T. *See* KATAYAMA Y, 50
HIROMATSU K. *See* NODA S, 728
HIRONO N. *See* MIYAI I, 453
HISTOCOMPATIBILITY ANTIGENS
HLA-DR2 and intracranial aneurysm, (L) 883
HLA typing and Y-cell subpopulations in multiple sclerosis, (MA) 1465
in multiple sclerosis patients participating in azathioprine trial, 412
no apparent association between HLA and multiple sclerosis in southern Chinese, 443
HLA. *See* HISTOCOMPATIBILITY ANTIGENS
HO R. *See* GROSS MLP, 1341
HODER EL. *See* ANDERSON GM, 1100
HODGES J. *See* HOUSE A, 112
HOFFBRAND BI, BINGLEY PJ, OPPENHEIMER SM, SHELDON CD: Trial of ganglioside GM1 in acute stroke, 1213
HÖJEBERG BO. *See* CRUZ M, 820
HOLT IJ, MILLER DH, HARDING AE: Restriction endonuclease analysis of leukocyte mitochondrial DNA in Leber's optic atrophy, 1075
HOMMES OR. *See* LAMERS KJB, 1334
HOMOCYSTINURIA
dystonia, 859
HOMOVANILLIC ACID
low lumbar CSF levels in multiple system atrophy with autonomic failure, 914
HONAN W. *See* MORGAN DW, 883
HONIG LS, SIDDHARTHAN R, SHEREMATA WA, SHELDON JJ, SAZANT A: Multiple sclerosis: correlation of magnetic resonance imaging with cerebrospinal fluid findings, 277
HOOGSTRATEN MC, MINDERHOUD JM: A double-blind controlled trial of high dose methylprednisolone in patients with multiple sclerosis, (MA) 597
HOPKINS A, ed: Epilepsy, (R) (1987) 472
HOPKINS A. ed: Headache: Problems in Diagnosis and Management (*Major Problems in Neurology Vol 15*), (R) (1988) 1371
HORNER'S SYNDROME
due to superior schwannoma, (L) 1460
HORST RT. *See* LINDEBOOM J, 1445
HORSTMANN GA. *See* BERGER W, 568
HORWITZ NH, RIZZOLI HV, eds: Postoperative Complications of Extracranial Neurological Surgery, (R) (1987) 1243
HOURIHAN MD. *See* FOX R, 984
HOUSE A, HODGES J: Persistent denial of handicap after infarction of the right basal ganglia: a case study, 112
HOWARD JF. *See* SANDERS DB, 160
HOWARD RS. *See* FISH DR, 714
HOWES DH: Ideomotor apraxia: evidence for the preservation of axial commands, (MA) 593
HSIEH K-H. *See* CHIU H-C, 214
HUANG C-C, CHU N-S, CHEN T-J, SHAW C-M: Acute haemorrhagic leucoencephalitis with a prolonged clinical course, 870
HUANG CY, WOO E, YU YL, CHAN FL: Lacunar syndromes due to brainstem infarct and haemorrhage, 509
HUANG CY. *See* HAWKINS BR, 443
HUANG CY. *See* WOO E, 557
HUBER SJ, PAULSON GW, SHUTTLEWORTH EC: Relationship of motor symptoms, intellectual impairment, and depression in Parkinson's disease, 855
HUGHES AO. *See* WILCOCK GK, 842
HUGHES GRV. *See* ASHERSON RA, 1458
HUGHES PJ, COMPSTON DAS: Peripheral blood lymphocyte phenotype and function in multiple sclerosis, 1187
HUGHES RAC. *See* WINER JB, 605, 613, 619
HUGHES T. *See* BAMFORD JM, 1373
HULSHOF JH. *See* WINTZEN AR, 1542
HUMAN FIBRIN GLUE
endaural extracranial repair for CSF otorrhoea: technical note, 1438
HUMAN IMMUNODEFICIENCY VIRUS (HIV)
immunocytochemical demonstration of infected cells in CSF, 977
infection and Bell's palsy, 425
infection and cerebral astrocytoma, 422
HUMAN T-LYMPHOTROPIC VIRUS TYPE I (HTLV-1)
MRI in an antibody positive patient with tropical

spastic paraparesis, (L) 999
myelopathy: central motor and sensory conduction, 1069
myelopathy: multimodality evoked potentials, 1094
HUMPHREY PRD. *See* ROBERTS MA, 586
HUNG T-P. *See* CHIU H-C, 214
HUNT W. *See* TEASDALE GM, 1457
HUNTER JP, ASHBY P, LANG AE: Afferents contributing to the exaggerated long latency reflex response to electrical stimulation in Parkinson's disease. 1405
HUNTINGTON'S DISEASE
absence of antibodies to cardiolipin, (L) 1458
historical note, 676
imaging of cerebral blood flow markers: single photon emission computed tomography, 1264
neurolinguistic nature of language abnormalities, 367
neuropsychological and neuroradiological correlates, 1259
prefrontal corticol blood flow and cognitive function, 94
HUSSAIN ES, FREEMAN H, JONES RAC: A cohort study of psychosurgery cases from a defined population, 345
HYDROCEPHALUS, NORMAL PRESSURE
outcome of shunt operation on urinary incontinence predicted by lumbar puncture, 105
reduction of ventricular size after shunting, 521
5-HYDROXYINDOLEACETIC ACID
low lumbar CSF levels in multiple system atrophy with autonomic failure, 914
HYPERBARIC OXYGEN
and multiple sclerosis, (MA) 887, 889
HYPERGLYCAEMIA
acute: influence on heat pain thresholds, 688
HYPERGRAPHIA
neurological, psychosocial and demographic correlates in epilepsy, 203
HYPERPARATHYROIDISM
and myotonic dystrophy associated with neurofibromatosis and multiple endocrine adenomatosis type 2A, 1578
HYPERTENSION. *See also* INTRACRANIAL HYPERTENSION
disorders of pregnancy: neurological complications, 416
systemic: association of bilateral spontaneous carotid-cavernous fistula, (L) 1003
HYPOKALAEMIC PERIODIC PARALYSIS
familial: improvement of muscle strength with acetazolamide, 1142
HYPONATRAEMIA
and third ventricular enlargement in aneurysmal subarachnoid haemorrhage, 516
HYPOTENSION
sodium nitroprusside induced: effects on cerebral circulation, 88
HYPOTHALAMIC-PITUITARY DYSFUNCTION
and temporal lobe dysfunction after radiotherapy for nasopharyngeal carcinoma, 1302

IADAROLA M. *See* WEINBERGER DR, 94
IANNOTTI F. *See* POZZILLI C, 1058
IgM MONOCLONAL GAMMOPATHY
and neuropathy in two siblings, 1308
IKARI T. *See* MATSUMURA K, 313
IKEDA A. *See* KAKIGI R, 1094
ILLNESS BEHAVIOUR
in female neurological in-patients, 1387
ILLOWSKY BP, JULIANO DM, BIGELOW LB, WEINBERGER DR: Stability of CT scan findings in schizophrenia: results of an 8 year follow-up study, 209
IMAI T. *See* HATTORI T, 1572
IMAKITA M. *See* OGATA J, 646
IMMUNOCYTOCHEMISTRY
demonstration of HIV infected cells in CSF, 977
versus CSF cytology in meningeal carcinomatosis, 142
IMMUNOGLOBULINS
allotypes in caucasian and Chinese myasthenia gravis, 214
IMMUNOSUPPRESSIVE TREATMENT
effect on CSF myelin basic protein in chronic progressive multiple sclerosis, 1334
INCLUSION BODY MYOSITIS
dysphagia, 1542
INDIA
focal epilepsy, (MA) 1242, 1365
South: Madras pattern of motor neuron disease, 773
INFARCTION
adjacent to thalamus: curing essential tremor, (L) 591
brainstem, causing lacunar syndromes, 509
caudate, diagnosed by MRI: denial of hemichorea, (L) 590
cerebral: beta thromboglobulin, 557
cerebral: does not occur typically at night, 109
cerebral: on CT scans in patients with TIA's relates to severity of angiographic disease at carotid bifurcation, (L) 305
dominant anterior cerebral artery territory: "alien hand" and loss of bimanual coordination, 218
paramedian, of right thalamus: manic delirium and frontal-like syndrome, 116
right basal ganglia: persistent denial of handicap, 112
subcortical white matter: memory loss, 866
within midline anterior cerebellar lobe: extensor tone disinhibition, (L) 1597
INFLUENZA
intra-uterine: followed by Parkinson's disease? 753
INGHILLERI M. *See* BERARDELLI A, 677
INGRAM DA, THOMPSON AJ, SWASH M. Central motor conduction in multiple sclerosis: evaluation of abnormalities revealed by transcutaneous magnetic stimulation of the brain, 487
INGRAM DA. *See* SWASH M, 165, 785
INTERMITTENT PYRAMIDAL CLAUDICATION
presenting and sole symptom in multiple sclerosis, (L) 147
INTERVERTEBRAL DISCS *See* INTRADURAL DISC PROTRUSION; LUMBAR DISC PROTRUSION
INTRACEREBRAL HAEMORRHAGE
experimental: effect of nimodipine pretreatment, 651
INTRACRANIAL ANEURYSMS. *See* ANEURYSMS
INTRACRANIAL CIRCULATORY ARREST
reversible, in acute subarachnoid haemorrhage, (L) 1355
INTRACRANIAL HYPERTENSION
benign: CSF neurohypophysial peptides, 1538
benign: spatial contrast hypersensitivity, 1323
visual failure in cryptococcus meningitis, 944
INTRACRANIAL SURGERY
corticospinal direct response in identification of motor cortex, 50
INTRACRANIAL TUMOURS. *See also specific tumours*
loss of unilateral eye closure and right parietal lesion, (L) 1008
Parkinsonian syndrome caused by tumour of left supplementary motor area, (L) 730
INTRADURAL DISC PROTRUSION
cervical, (L) 1007
INTRAORAL PAIN
acute: alteration of cutaneous sensibility? 1032
IIO M. *See* KOIZUMI J, 987
IRIARTE LM, MATEU J, CRUZ G, ESCUDERO J: Chorea: a new manifestation of mastocytosis, (L) 1457
IRON DEPOSITION. *See also* HAEMOSIDEROSIS
perivascular, in multiple sclerosis, 260

IRONSIDE JW: Paraganglioma of the cauda equina, (MA) 740
ISEKI E, IWABUCHI K, YAGISHITA S, AMANO N, MATSUSHITA M: Two necropsy cases of chronic encephalomyelitis: variants of Neuro-Behcet's syndrome? 1084
ISHIDA K. *See* KASHIHARA K, 1109
ISHII N. *See* NODA S, 582
ISOFENPHOS
late onset neurotoxicity, 1338
ITOH H. *See* NODA S, 728
ITOH Y. *See* MINUERA K, 1391
IWABUCHI K. *See* ISEKI E, 1084
IWASAKI Y, KINOSHITA M, TAKAMIYA K: Rapid development of basal ganglia calcification caused by anoxia, (L) 449

JACOBSON I. *See* RUGG MD, 691
JALLON P: Use of mefloquine in epileptic patients, (L), 732
JAMES PB: Hyperbaric oxygen and multiple sclerosis, (MA) 887
JANKOVIC J, VAN DER LINDEN C: Dystonia and tremor induced by peripheral trauma: predisposing factors, 1512
JANOTA I, MOUNTJOY CQ: Asymmetry of pathology in Alzheimer's disease, (MA) 1011
JAVOY-AGID F. *See* CERVERA P, 1104
JELLINGER K: The pedunculopontine nucleus in Parkinson's disease, progressive supranuclear palsy and Alzheimer's disease, 540
JENNEKENS FGI. *See* DE KONING P, 403
JENNER P, ed: Neurotoxins and their Pharmacological Implications (*Biological Council Symposium*), (R) (1897), 743
JENNER P. *See* AUBBY D, 893
JENSEN TS, SCHRØDER HD, JØNSSON V, ERNERUDH J, STIGSBY B, KAMIENIECKA Z, HIPPE E, TROJABORG W: IgM monoclonal gammopathy and neuropathy in two siblings, 1308
JITSUKAWA K. *See* MATSUMURA K, 313
JOHNSON RH, ROBINSON BJ: Mortality in alcholics with autonomic neuropathy, 476
JOHNSON RT: Current Therapy in Neurologic Disease 2nd ed, (R) (1987) 163
JONES DM. *See* WINER JB, 613
JONES L. *See* BAMFORD JM, 1373
JONES RAC. *See* HUSSAIN ES, 345
JONES RM. *See* MATHEW BG, 1460
JØNSSON V. *See* JENSEN TS, 1308
JULIANO DM. *See* ILLOWSKY BP, 209
JUTRIN I. *See* CATZ A, 1338

KAGEYAMA N, NAGOYA K, TAKAKURA A, EPSTEIN F, HOFFMAN HJ, SCHUT L: Intracranial Tumours in Infancy and Childhood: Basic Research, Diagnosis and Treatment (*Progress in Experimental Tumor Research Vol 30*), (R) (1987) 1012
KAHN EM. *See* KESHAVEN MS, 1235
KAJIYAMA K, UENO S, TATSUMI T, YORIFUJI S, TAKAHASHI M, TARUI S: Decreased glutamate dehydrogenase protein in spinocerebellar degeneration, 1078
KAKIGI R, SHIBASAKI H, KURODA Y, ENDO C, ODA K-I, IKEDA A, HASHIMOTO K: Multimodality evoked potentials in HTLV-I associated myelopathy, 1094
KAKIGI R. *See* SHIBASAKI H, 572
KAMEYAMA M. *See* MIYAI I, 453
KAMIENIECKA Z. *See* JENSEN TS, 1308
KANDEL ER, ed: Molecular Neurobiology in Neurology and Psychiatry (*Research Publications: Association for Research in Nervous and Mental Disease, Vol 65*), (R) (1987) 1015
KANGRO H. *See* WINER JB, 613
KANO M. *See* YAMADA M, 452
KAPUR N, TURNER A, KING C: Reduplicative paramnesia: possible anatomical and neuropsychological mechanisms, 579
KARTSOUNIS LD: Comprehension as the effective trigger in a case of primary reading epilepsy, 128
KASHIHARA K, ISHIDA K: Neuroleptic malignant syndrome due to sulpiride, (L) 1109
KASSELL N. *See* TEASDALE GM, 1457
KATAYAMA Y, TSUBOKAWA T, MAEJIMA S, HIRAYAMA T, YAMAMOTO T: Corticospinal direct response in humans: identification of the motor cortex during intracranial surgery under general anaesthesia, 50
KATSIKITIS M, PILOWSKY I: A study of facial expression in Parkinson's disease using a novel microcomputer-based method, 362
KAWABA T. *See* SHIGEMORI M, 451
KAWAMURA M, TAKAHASHI N, HIRAYAMA K: Hemichorea and its denial in a case of caudate infarction diagnosed by magnetic resonance imaging, (L) 590
KEAN DM. *See* MENZIES DG, 1240
KEAST-BUTLER J. *See* KRISS A, 1253
KEEFOVER R, RINGEL R, ROY EP: Negative hallucinations: an ictal phenomenon of partial complex seizures, (L) 454
KELLEN RI. *See* GELWAN MJ, 1473
KELLY JJ, KYLE RA, LATOV N: Polyneuropathies Associated With Plasma Cell Dyscrasias, (R) (1987) 1472
KEMPSTER PA, BRENTON DP, GALE AN, STERN GM: Dystonia in homocystinuria, 859
KEMPSTER PA. *See* MATHERS SE, 1503
KENDALL BE. *See* FOX R, 984
KENDALL BE. *See* MILLER DH, 1569
KENNEDY PGE, JOHNSON RT, eds: Infections of the Nervous System, (R) (1987) 1016
KERR RSC, CADOUX-HUDSON TA, ADAMS CBT: The value of accurate clinical assessment in the surgical management of the lumbar disc protrusion, 169
KESHAVEN MS, KAHN EM, BRAR JS: Musical hallucinations following removal of a right frontal meningioma, (L) 1235
KEYSER A. *See* RWIZA HT, 1003
KHURAIBET A. *See* TRONTELJ JV, 814
KIKUCHI H. *See* OGATA J, 646
KING C. *See* KAPUR N, 579
KING RHM. *See* DONAGHY M, 991
KINGSLEY DPE. *See* MILLER DH, 1569
KINOSHITA M. *See* IWASAKI Y, 449
KISH SJ, DIXON LM, SHERWIN AL: Aspartic acid aminotransferase activity is increased in actively spiking compared with non-spiking human epileptic cortex, 552
KISH SJ, SCHUT L, SIMMONS J, GILBERT J, CHANG L-J, REBBETOY M: Brain acetylcholinesterase activity is markedly reduced in dominantly-inheritied olivopontocerebellar atrophy, 544
KLIMEK A. *See* SZULC-KUBERSKA J, 643
KLINGELE TG. *See* KUPERSMITH MJ, 1381
KLUVER-BUCY SYNDROME
associated with delayed post-anoxic leuco encephalopathy following carbon monoxide poisoning, (L) 156
KNIGHT R. *See* HARRIES-JONES R, 1113
KOCEN RS. *See* SMITH SJM, 120
KOFF B. *See* BOROD JC, 826
KOHARA N. *See* UGAWA Y, 1069
KOHLER J, HEILMEYER H, VOLK B: Multiple sclerosis presenting as chronic atypical psychosis, 281
KOIZUMI J, OFUKU K, SAKUMA K, SHIRAISHI H, IIO M, NAWANO S: CNS changes in Usher's syndrome with mental disorder: CT, MRI and PET findings, 987
KOJIMA S. *See* HATTORI T, 1572
KOLLEGGER H. *See* BRUCKE T, 456
KOLLER WC, ed: Handbook of Parkinson's Disease, (R) (1987) 469

KOMIYAMA A, HIRAYAMA K: Paradoxical reversal of ptosis in myasthenia gravis by edrophonium administration, (L) 315
KONTAXAKIS V, STEFANIS C, MARKIDIS M, TSERPE V: Neuroleptic malignant syndrome in a patient with Wilson's disease, (L) 1001
KOO EH, MASSEY EW: Granulomatous angiitis of the central nervous system: protean manifestations and response to treatment, 1126
KOOISTRA CA, HEILMAN KM: Memory loss from a subcortical white matter infarct, 866
KOPIN IJ. *See* POLINSKY RJ, 67, 914
KOUDSTAAL PJ. *See* BULENS C, 1323
KOWADA M. *See* MINEURA K, 1391
KREEGER L, GROSS M, NIEMAN E: Magnetic resonance imaging in an HTLV-I antibody positive patient with tropical spastic paraparesis, (L) 999
KREMER B. *See* FERRARI MD, 147
KRICUN ME, ed: Imaging Modalities in Spinal Disorders, (R) (1988) 1603
KRIEGSTEIN J, ed: Pharmacology of Cerebral Ischemia, (R) (1987) 321
KRIL JJ. *See* HALLIDAY CG, 124, 909
KRISS A, FRANCIS DA, CUENDET F, HALLIDAY AM, TAYLOR DSI, WILSON J, KEAST-BUTLER J, BATCHELOR JR, MCDONALD WI: Recovery after optic neuritis in childhood, 1253
KRISS A. *See* GOSS-SAMPSON MA, 432
KUHLMANN R. *See* EIKMEIER G, 1461
KUNZE K. *See* TREEDE R-D, 1330
KUPERSMITH MJ, BURDE RM, WARREN FA, KLINGELE TG, FROHMAN LP, MITNICK H: Autoimmune optic neuropathy: evaluation and treatment, 1381
KUPERSMITH MJ. *See* GELWAN MJ, 1473
KURAMOTO S. *See* SHIGEMORI M, 451
KURODA Y. *See* KAKIGI R, 1094
KYRIAKIDES T, HEWER RL: Hand contractures in Parkinson's disease, 1221

LACUNAR SYNDROMES
due to brainstem infarct and haemorrhage, 509
LAIACONA M. *See* BASSO A, 1201
LAIDLAW J, RICHENS A, OXLEY J, eds: Textbook of Epilepsy 3rd ed, (R) (1988) 1604
LAM K. *See* WOO E, 1302
LAMBERT EATON MYASTHENIC SYNDROME
abnormalities of autonomic function, 436
and myasthenia gravis in one patient, 880
LAMERS KJB, UITDEHAAG BMJ, HOMMES OR, DOESBURG W, WEVERS RA, VAN GEEL WJA: The short-term effect of an immunosuppressive treatment on CSF myelin basic protein in chronic progressive multiple sclerosis, 1334
LAMINECTOMY
for spondylotic cervical myeloradiculopathy: neurological deterioration and spinal cord ischaemia, 717
LANCE JW, DRUMMOND PD, GANDEVIA SC, MORRIS JGL: Harlequin syndrome: the sudden onset of unilateral flushing and sweating, 635
LAMB RJM, ROCHE SW, LEUNG AAW, GRECO A, LANGE LS: Cyclosporin neurotoxicity in cardiac transplant recipients, 1434
LANG AE, GARNETT ES: Positron emission tomography in cases of chorea with different underlying causes, (MA) 1010
LANG AE. *See* HUNTER JP, 1405
LANGE LS. *See* LANE RJM, 1434
LANGTON HEWER R. *See* WADE DT, 10
LANGUAGE
neurolinguistic nature of abnormalities in Huntington's chorea, 367
progressive impairment without dementia: case with isolated category specific semantic defect, 1201
LANSKA DJ, RUFF RL: Myokymia in motor neuron disease, (L) 1107
LARKIN JG. *See* GILLHAM RA, 929
LARMANDE J. *See* BELIN C, 1008
LARMANDE P. *See* BELIN C, 1008
LARU-SOMPA R. *See* FOGELHOLM R, 1002
LASEGUE'S SIGN
historical note, 1157
LASER STIMULI
sensory and pain threshold characteristics, 35
single cortical responses: pre-pain and pain perceptions, 43
LASJAUNIAS P, BERENSTEIN A: Endovascular Treatment of Craniofacial Lesions (*Surgical Neuroangiography Vol 2*), (R) (1987) 1467
LATERRE C. *See* BUKASA KK-S, 1063
LATERRE EC, DE VOLDER AG, GOFFINET AM: Brain glucose metabolism in thalamic syndrome, 427
LAWSON DA. *See* BROWN RA, 1171, 1178
LAWTON NF. *See* BATEMAN DE, 699
LEAKE A. *See* CHARLTON BG, 719
LEBER'S OPTIC ATROPHY
Restriction endonuclease analysis of leukocyte mitochondrial DNA, 1075
LE COULTRE R. *See* ZWARTS MJ, 148
LEES AJ. *See* GIBB WRG, 745
LEES AJ. *See* HARDIE RJ, 850
LEES AJ. *See* MATHERS SE, 1503
LEES AJ. *See* WILL RG, 1224
LEGG NJ. *See* BARNES D, 159
LEHTINEN M. *See* PITKÄNEN A, 1395
LEIBOWITZ S. *See* WINER JB, 619
LEIGH SYNDROME
mitochondrial encephalomyopathy with a partial cytochrome *c* oxidase deficiency of muscle, 704
LENDREM W, MCGUIRK E, LINCOLN NB: Factors affecting language recovery in aphasic stroke patients receiving speech therapy, (L) 1103
LENMAN JAR, RITCHIE AE: Clinical Electromyography 4th ed, (R) (1987) 1015
LENTICULAR NUCLEUS
haematoma: secondary micrographia, (L) 1353
LENZI GL. *See* POZZILLI C, 1058
LENZI GL. *See* VALLAR G, 1269
LENZI PL. *See* D'ALESSANDRO R, 21
LE QUESNE PM. *See* PARKHOUSE N, 28
LESLIE GC. *See* BROWN RA, 1171, 1178
LESSELL S, VAN DALEN JTW, eds: Current Neuro-Ophthalmology Vol 1, (R) (1988) 1470
LEUCOCYTES
decreased GDH protein in spinocerebellar degeneration, 1078
GDH activity in degenerative neurological disorders, 893
low GDH activity does not correlate with a particular type of multiple system atrophy, 1508
restriction endonuclease analysis of mitochondrial DNA in Leber's optic atrophy, 1075
LEUCOENCEPHALITIS. *See* ACUTE HAEMORRHAGIC LEUCOENCEPHALITIS
LEUCOENCEPHALOPATHY
delayed, following low dose intraventricular methotrexate, 1277
delayed post anoxic, following carbon dioxide poisoning: associated Kluver-Bucy syndrome, (L) 156
LEUCOTOMY
cohort study of cases from a defined population, 345
LEUNG AAW. *See* LANE RJM, 1434
LEVERGER G. *See* BOUTIN B, 291

LEVIN BE, LLABRE MM, WEINER WJ: Parkinson's disease and depression: psychometric properties of the Beck Depression Inventory, 1401
LEVIN HS, GOLDSMITH FC, HIGH WM, EISENBERG HM: Disproportionately severe memory deficit in relation to normal intellectual functioning after closed head injury, 1294
LEVIN HS, HIGH WM, EISENBERG HM: Learning and forgetting during posttraumatic amnesia in head injured patients, 14
LEVINE RL. *See* MORRIS GL, 457
LEVODOPA
false positive diagnosis of phaeochromocytoma in patient with Parkinson's disease, (L) 728
treatment results in neuroleptic-induced Parkinson's syndrome, 850
LEVY DE, PLUM F: Outcome prediction in comatose patients: significance of reflex eye movement analysis, (MA) 318
LEWIS D. *See* ZUMLA A, 1462
LEWITT PA. *See* SANES JN, 934
LEWY BODY
relevance to pathogenesis of idiopathic Parkinson's disease, 745
LI T-M, ELBERMAN E, SWASH M. Comparison of sporadic and familial disease amongst 580 cases of motor neuron disease, 778
LIGHTMAN SL. *See* POOLE CJM, 1441
LIGHTMAN SL. *See* SECKL J, 1538
LILLY RB. *See* SANDSON TA, 156
LIMBS
local autonomic failure, (MA) 157, 158
pain in migraine and cluster headache, 1022
upper: association of gegenhalten with dyspraxia, 995
upper: posturo-kinetic organisation during early phase of voluntary movement in normal subjects, 956
LINCOLN NB. *See* LENDREM W, 1103
LINDBLOM U. *See* HANSSON P, 1032
LINDEBOOM J, HORST RT: Interhemispheric disconnection effects in multiple sclerosis, 1445
LINK H. *See* CRUZ M, 820
LINKS TP, ZWARTS MJ, OOSTERHUIS HJGH: Improvement of muscle strength in familial hypokalaemic periodic paralysis with acetazolamide, 1142
LIPSCOMB G. *See* ZUMLA A, 1462
LISTERIA MONOCYTOGENES
encephalitis with intermittent symptoms and serological diagnosis, (L) 458
LISHMAN WA: Organic Psychiatry: The Psychological Consequences of Cerebral Disorder 2nd ed, (R) (1987) 1112
LITHIUM TOXICITY
Creutzfeldt-Jakob like syndrome, 120
LLABRE MM. *See* LEVIN BE, 1401
LLOYD AR, HALES JP, GANDEVIA SC: Muscle strength, endurance and recovery in the post-infection fatigue syndrome, 1316
LLOYD KG. *See* CRAWFORD PM, 1193
LOISEAU P. *See* ROUGIER A, 146
LONG LATENCY REFLEX RESPONSE
exaggerated, to electrical stimulation in Parkinson's disease: afferent contribution, 1405
LOPES DA SILVA FH, VAN LEEUWEN W, RAMOND A, eds: Clinical Applications of Computer Analysis of EEG and other Neurophysiological Signals, (R) (1987) 598
LOPEZ-POUSA S. *See* DAVALOS A, 1464
LORCH MP. *See* BOROD JC, 826
LOVENBERG W, LEVINE RA, eds: Unconjugated Pterins in Neurobiology: Basic and Clinical Aspects (*Topics in Neurochemistry & Neuropharmacology Vol 1*), (R) (1987) 163
LU C-S, CHU N-S: Acute dystonic reaction with asterixis and myoclonus following metoclopramide therapy, (L) 1002
LUDIN H-P. *See* SCHMID UD, 182
LUGARESI E. *See* D'ALESSANDRO R, 21, 596
LUMBAR DISC PROTRUSION
accurate clinical assessment in surgical management, 169
LUMBAR PUNCTURE
and CT scanning in diagnosis of subarachnoid haemorrhage: revaluation, 342
predicting outcome of shunt operation on urinary incontinence in normal pressure hydrocephalus, 105
LUMBAR RADICULOGRAPHY
low back pain: routine CSF analysis, 878
LUMBOSACRAL PLEXUS
lesions: clinical signs and computed tomography, 72
LUMBOSACRAL REGION
origins of spinal evoked potentials in humans, 499
LUMBOSACRAL ROOTS. *See* SPINAL NERVE ROOTS
LYMPHOCYTES
activated: determination in peripheral blood in multiple sclerosis, 139
HLA typing and T-cell subpopulations in multiple sclerosis, (MA) 1465
peripheral blood: phenotype and function in multiple sclerosis, 1187
T cell subsets and disease progression after total lymphoid irradiation in chronic progressive multiple sclerosis, 980
LYMPHOHISTIOCYTOSIS *See* ERYTHROPHAGOCYTIC LYMPHOHISTIOCYTOSIS
LYMPHOID IRRADIATION *See* TOTAL LYMPHOID IRRADIATION
LYMPHOMATOID GRANULOMATOSIS
Parkinsonism as first manifestation, (L) 999
LYONS PR, NEWMAN PK, SAUNDERS M: Methylprednisolone therapy in multiple sclerosis: a profile of adverse effects, 285
LYONS PR. *See* BINDOFF L, 1108

MA J. *See* WOO E, 1302
MCARDLE MJ: McArdle's sign in multiple sclerosis, (MA) 1110
MACARTHUR A. *See* BROWN RA, 1178
MCCLINTIC KL. *See* MEYER JS, 1489
MACDONALD A, MENDELOW AD: Xanthochromia revisited: a re-evaluation of lumbar puncture and CT scanning in the diagnosis of subarachnoid haemorrhage, 342
MCDONALD WI. *See* KRISS A, 1253
MCDONALD WI. *See* MILLER DH, 1569
MCDONNELL A. *See* STARKSTEIN SE, 1259
MACFARLANE IA. *See* CHAN AW, 688
MCGREGOR GP. *See* ANAND P, 192
MCGUIRK E *See* LENDREM W, 1103
MCKEITH IG. *See* CHARLTON BG, 719
MCKERAN RO. *See* HART Y, 311
MCKIRGAN J. *See* CROCKARD AD, 139
MACLENNAN WJ. *See* BROWN RA, 1178
MCLEOD JG. *See* FRITH JA, 495
MACMANUS DG. *See* MILLER DH, 1569
MCMURDO MET. *See* BROWN RA, 1178
MCNABB AW, CARROLL WM, MASTAGLIA FL: "Alien hand" and loss of bimanual coordination after dominant anterior cerebral artery territory infarction, 218
MCNEILL TA. *See* CROCKARD AD, 139
MCPHERSON K. *See* BAMFORD JM, 1373
MAEJIMA S. *See* KATAYAMA Y, 50
MAERTENS DE NOORDHOUT A, ROTHWELL JC, THOMPSON PD, DAY BL, MARSDEN CD: Percutaneous electrical stimulation of lumbosacral roots in man, 174
MAGNETIC RESONANCE IMAGING
caudate infarction, (L) 590
correlation with CSF findings in multiple sclerosis, 277

dystonic-Parkinsonian syndrome after cyanide poisoning, 1345
early and late after head injury, 391
in an HTLV-I antibody positive patient with tropical spastic paraparesis, (L) 999
pontine lesion opsoclonus-myoclonus syndrome, 1572
Usher's syndrome with mental disorder, 987
white matter changes in vascular dementia and Alzheimer's disease, (MA) 318
MAGNETIC STIMULATION
central motor conduction in degenerative ataxic disorders, 790
transcranial: evaluation of proximal facial nerve conduction, 60
transcutaneous: abnormalities of central motor conduction in multiple sclerosis, 487
MALIN J-P. *See* STARK E, 977
MANFREDI M. *See* BERARDELLI A, 677
MANGIARDI JR, EPSTEIN FJ: Brainstem haematomas: review of the literature and presentation of five new cases, 966
MANGONI A. *See* CARELLA F, 1345
MANGONI A. *See* NORBIATO G, 903
MANIC DELIRIUM
and frontal-like syndrome with paramedian infarction of right thalamus, 116
MANN MW, DEGOS JD: Akinetic mutism in Wernicke-Korsakoff disease: a case report, (L) 588
MANNEN T. *See* SHIMPO T, 1462
MANNEN T. *See* UGAWA Y, 1069
MANNING AA. *See* GOODE DJ, 626
MANSFIELD AO. *See* HEROLD S, 1045
MANSI L. *See* POZZILLI C, 1058
MANUAL COORDINATION
bimanual: loss after dominant anterior cerebral artery territory infarction, 218
MARCHBANKS RM. *See* PERRETT CW, 325
MARCHETTINI P. *See* HANSSON P, 1032
MARFORIO S. *See* ZAFFARONI M, 1465
MARINA R. *See* CORNACCHIA L, 1463
MARK VW. *See* BUTTER CM, 1581
MARKIDIS M. *See* KONTAXAKIS V, 1001
MARLIN AE, ed: Concepts in Pediatric Neurosurgery Vol 8, (R) (1988) 1248
MARMOT M. *See* MATTOCK C, 753
MARSDEN CD. *See* AUBBY D, 893
MARSDEN CD. *See* GRANDAS F, 767
MARSDEN CD. *See* MAERTENS DE NOORDHOUT A, 174
MARSDEN CD. *See* STELL R, 920
MARSHALL J. *See* HARRISON MJG, 269, 305
MARSHALL J. *See* HEROLD S, 1045
MARTENS CMC. *See* VAN WOERKOM TCAM, 630
MARTIN JB, RIECHLIN S: Clinical Neuroendocrinology 2nd ed, (R) (1987) 1014
MARTIN GONZALEZ R. *See* CASADO NARANJO I, 1599
MARTINELLI P. *See* D'ALESSANDRO R, 311
MARTINEZ-VILA E, ARTIEDA J, OBESO JA: Micrographia secondary to lenticular haematoma, (L) 1353
MARTORELL R. *See* ROIG M, 1091
MARTTILA R, RINNE UK: Parkinson's disease and essential tremor in families of patients with early-onset Parkinson's disease, 429
MASSEY HW. *See* KOO EH, 1126
MASTAGLIA FL. *See* MCNABB AW, 218
MASTOCYTOSIS
chorea: new manifestation, (L) 1457
MASTRONARDI L. *See* FERRANTE L, 1438
MASUKAWA S-I. *See* SHIBASAKI H, 572
MATEU J. *See* IRIARTE LM, 1457
MATHERS SE, KEMPSTER PA, SWASH M, LEES AJ: Constipation and paradoxical puborectalis contraction in anismus and Parkinson's disease: a dystonic phenomenon?, 1503
MATHEW BG, JONES RM, CAMPBELL MJ: Horner's syndrome due to superior-mediastinal schwannoma, (L) 1460
MATIAS-GUIU X. *See* OLIVERAS C, 999
MATILAINEN R. *See* PITKÄNEN A, 1395
MATSUBARA E. *See* TANAKA M, 576
MATSUMURA K, SAKUTA M, IKARI T, JITSUKAWA K: Membranous glomerulonephritis and Grover disease with diverse neurological abnormalities; an immunological disorder due to poliovirus infection?, (L) 313
MATSUSHITA M. *See* ISEKI E, 1084
MATTHEWS WB, SQUIER MV: Sensory perineuritis, 473
MATTHEWS WB. *See* HARRIES-JONES R, 1113
MATTLE H. *See* VOCK P, 72
MATTOCK C, MARMOT M, STERN G: Could Parkinson's disease follow intrauterine influenza?: a speculative hypothesis, 753
MAUCKNER A. *See* RINGELSTEIN EB, 1051
MAURIN N. *See* RINGELSTEIN EB, 1051
MAURITZ K-H. *See* SANES JN, 934
MAYER M. *See* BOUTIN B, 291
MAYER P. *See* ZIEGLER D, 1420
MAYEUX R. *See* STERN Y, 1584
MAZINDOL
effect on growth hormone secretion in boys with Duchenne muscular dystrophy, 1551
MEARA RJ. *See* DICK JPR, 1105
MEARA RJ. *See* SCHADY W, 295
MEDIASTINUM, SUPERIOR
schwannoma causing Horner's syndrome, (L) 1460
MEERWALDT JD. *See* BULENS C, 1323
MEFLOQUINE
use in epileptic patients, (L) 732
MEHLER MF: Complete visual inversion in vertebrobasilar ischaemic disease, (L) 1236
MEHLER MF: The clinical spectrum of ocular bobbing and ocular dipping, 725
MEIER W. *See* TREEDE R-D, 1330
MELNICK SC. *See* SHINTON RA, 273
MELVILLE ID. *See* DUNCAN R, 591
MEMORY
spatial working, and planning in Parkinson's disease, 757
MEMORY DISORDERS *See also* AMNESIA
disproportionately severe deficit in relation to normal intellectual functioning after closed head injury, 1294
pathogenesis of reduplicative paramnesia, 839
reduplicative paramnesia, 579
related to coma after head injury, 1452
MENDELOW AD. *See* MACDONALD A, 342
MENDELOW AD. *See* SINAR EJ, 651
MENDELSON G: Psychiatric Aspects of Personal Injury Claims, (R) (1988) 1603
MENDELSON L. *See* CATZ A, 1338
MENDEZ MF, GEEHAN GR: Cortical auditory disorders: clinical and psychoacoustic features, 1
MENINGES
carcinomatosis: CSF cytology versus immunocytochemistry, 142
MENINGIOMA
haemangiopericytic, of sacral canal: case report, 288
right frontal: musical hallucinations following removal, (L) 1235
MENINGITIS
cryptococcal: intracranial hypertension causing visual failure, 944
E coli, and disseminated strongyloidiasis, (L) 1596
eosinophilic, in Thailand, 80
meningococcal: paraplegia as presenting feature, (L) 1241

sarcoid: high adenosine deaminase CSF levels and results of cranial irradiation, (L) 1594
MENTALLY HANDICAPPED
hospitalised: involuntary orofacial movements, 863
MENZIES DG, CAMPBELL IW, KEAN DM: Magnetic resonance imaging in Fabry's disease, (L) 1240
MEO R. *See* BILO L, 308
MERX JL. *See* RWIZA HT, 1003
MESSA C. *See* VALLAR G, 1269
MESSENGER RNA
extracted post-mortem from brains of schizophrenic, depressed and control subjects, 325
MESULAM MM. *See* WEINTRAUB S, 1481
METASTASIS
carcinoma to glioma: three cases with critical review of literature, 256
METCALFE R, FIRTH D, POLLOCK S, CREED F: Psychiatric morbidity and illness behaviour in female neurological in-patients, 1387
METHOTREXATE
low dose intraventricular: acute fever and delayed leukoencephalopathy, 1277
METHYLPREDNISOLONE
adverse effects in multiple sclerosis, 285
comparative case study in multiple sclerosis, (L) 1108
high dose: double blind controlled trial in multiple sclerosis, (MA) 316
high dose: trial in multiple sclerosis, (MA) 597
METOCLOPRAMIDE
acute dystonic reaction with asterixis and myoclonus, (L) 1002
effect on serum prolactin levels in amyotrophic lateral sclerosis, 643
MEULSTEE J. *See* VAN DER MECHE FGA, 1158
MEYER JS, MCCLINTIC KL, ROGERS RL, SIMS P, MORTEL KF: Aetiological considerations and risk factors for multi-infarct dementia, 1489
MICHELI F. *See* FERNANDEZ PARDAL M, 158
MICROCOMPUTERS
study of facial expression in Parkinson's disease, 362
MICROGRAPHIA
secondary to lenticular haematoma, (L) 1353
MIDAZOLAM
treatment of epileptic seizures, (L) 732
MIDDLE FOSSA
arachnoid cysts and subdural haematoma, (MA) 467
MIGRAINE
and post epileptic headache, (MA) 596
common: relief by exercise, (MA) 1011
inhibition of vasopressin secretion, 1441
limb pain, 1022
MIHELIN M. *See* TRONTELJ JV, 814, 950
MILES J. *See* REDFERN RM, 803
MILLER DH, ORMEROD IEC, MCDONALD WI, MACMANUS DG, KENDALL BE, KINGSLEY DPE, MOSELEY IF: The early risk of multiple sclerosis after optic neuritis, 1569
MILLER DH. *See* HOLT IJ, 1075
MILLER JD, ed: Northfield's Surgery of the Central Nervous System 2nd ed (R) (1987) 1469
MILLER S. *See* BAKER MK, 455
MILLS KLG, SCOTLAND TR, WARDLAW D, WYTCH R: An implant clamp for atlanto-axial fusion, (L) 450
MILLS KR. *See* CLAUS D, 790
MILLS KR. *See* SCHRIEFER TN, 60
MILNER AD. *See* RUGG MD, 691
MINDERAA RB. *See* BOLLEN EL, 1081
MINDERHOUD JM. *See* HOOGSTRATEN MC, 597
MINER ME, WAGNER KA, eds: Neurotrauma: Treatment, Rehabilitation and Related Issues Vol I, (R) (1986) 600
MINEURA K, FUSHIMI S, ITOH Y, KOWADA M: DNA lability induced by nimustine and ramustine in rat glioma cells, 1391
MITCHELL RG. *See* ZEMAN A, 458
MITNICK H. *See* KUPERSMITH MJ, 1381
MITOCHONDRIA
leukocyte: DNA analysis in Leber's optic atrophy, 1075
MITOCHONDRIAL ENCEPHALOMYOPATHY
with partial cytochrome *c* oxidase deficiency of muscle, 704
MIYAGI J. *See* SHIGEMORI M, 451
MIYAI I, HIRONO N, FUJITA M, KAMEYAMA M: Reversible ataxia following chronic exposure to paradichlorobenzene, (L) 453
MIYAMOTO S. *See* OGATA J, 646
MODARRES-SADEGHI H, ROGERS H, EMAMI J, GUILOFF RJ: Subacute administration of a TRH analogue (RX77368) in motorneuron disease: an open study, 1146
MODARRES-SADEGHI H. *See* GUILOFF RJ, 671
MOFFIE D. *See* BOOGERD W, 1277
MOGGIO M. *See* CAVALETTI G, 468
MOLYNEUX A. *See* BAMFORD JM, 1373
MONENSIN
rest tremor associated with exposure, (L) 729
MONOCLONAL GAMMOPATHY
IgM, and neuropathy in two siblings, 1308
MONTASTRUC JL. *See* CERVERA P, 1104
MOODLEY M. *See* COSNETT JE, 307
MOORCRAFT J. *See* COAKLEY JH, 1551
MOORE SE. *See* WALSH FS, 136
MOORE WS, ed: Surgery for Cerebrovascular Disease, (R) (1987) 1602
MORENA M. *See* ABBRUZZESE G, 796
MORERA GUITART J. *See* CASADO NARANJO I, 1599
MORGAN DW, HONAN W: Lateral gaze palsy due to giant aneurysm of the posterior fossa, (L) 883
MORGAN-HUGHES JA. *See* HARDIE RJ, 446
MORIMATSU M. *See* TANAKA M, 576
MORK SJ, RUBINSTEIN LJ: Metastatic carcinoma to glioma: a report of three cases with a critical review of the literature, 256
MORRIS GL, LEVINE RL, HARTMANN HA, EICHMAN PL: Brain stem glioma mimicking progressive basilar artery thrombosis, (L) 457
MORRIS JGL. *See* LANCE JW, 635
MORRIS RG, DOWNES JJ, SAHAKIAN BJ, EVENDEN JL, HEALD A, ROBBINS TW: Planning and spatial working memory in Parkinson's disease, 757
MORTEL KF. *See* MEYER JS, 1489
MORTENSEN EL. *See* ANDERSEN EB, 1208
MOSELEY IF: Magnetic Resonance Imaging in Diseases of the Nervous System, (R) (1988) 1471
MOSELEY IF. *See* MILLER DH, 1569
MOTOR AXON LOOP
source of error in measurement of motor nerve conduction velocity, (L) 1462
MOTOR CONDUCTION
central, in adrenoleukomyeloneuropathy, cerebrotendinous xanthomatosis, HTLV-I associated myelopathy and tabes dorsalis, 1069
central, in degenerative ataxic disorders: magnetic stimulation, 790
central, in multiple sclerosis: magnetic stimulation of brain, 487
motor axon loop as source of error in measurement of velocity, (L) 1462
MOTOR CONTROL
deficits of orofacial muscles in cerebral palsy, 534
MOTOR CORTEX *See also* SUPPLEMENTARY MOTOR AREA
identification during intracranial surgery: corticospinal direct response, 50

MOTOR END PLATES
jitter in facial muscles in facioscapulohumeral dystrophy, 950
jitter in stimulated orbicularis oculi muscle, 814
MOTOR NEURON DISEASE
comparison of sporadic and familial disease, 778
haptoglobin groups, 440
Madras pattern in South India, 773
myokymia, (L) 1107
preclinical and subclinical events, 165
selective and asymmetric vulnerability of corticospinal and spinocerebellar tracts, 785
short-term stability of single motor unit recordings: macro EMG study, 671
subacute administration of TRH analogue (RX77368): open study, 1147
MOTOR NEURONS
excitability: right-left asymmetry in schizophrenia, 626
MOTOR TRACTS
electrical stimulation in cervical spondylosis, 796
stimulation in multiple sclerosis, 677
MOTOR UNITS
estimation of number based on macro-EMG, 403
macro EMG study in motor neuron disease, 671
MOUNTJOY CQ. *See* JANOTA I, 1011
MOVEMENT DISORDERS
compulsive, with cavitation of caudate nucleus, (L) 447
MOVEMENTS
bimanual aiming: control in Parkinson's disease, 223
voluntary upper limb: posturo-kinetic organisation during early phase in normal subjects, 956
MUDDLE JR. *See* GOSS-SAMPSON MA, 432
MULDERRY PK. *See* ANAND P, 192
MÜLLER C. *See* BRÜCKE T, 456
MULLER DPR. *See* GOSS-SAMPSON MA, 432
MULTIPLE SCLEROSIS
adverse effects of methylprednisolone, 285
blood-brain barrier permeability, 1058
Borrelia burgdorferi antibodies, 1215
central motor conduction: magnetic stimulation of brain, 487
chronic progressive: effect of immunosuppressive treatment on CSF myelin basic protein, 1334
chronic progressive: T cell subsets and disease progression after total lymphoid irradiation, 980
correlation of MRI with CSF findings, 277
determination of activated lymphocytes in peripheral blood, 139
double-blind controlled trial of high dose methylprednisolone, (MA) 316
early risk after optic neuritis, 1569
histocompatibility antigens in patients participating in azathioprine trial, 412
HLA typing and T-cell subpopulations, (MA) 1465
hyperbaric oxygen, (MA) 887
interhemispheric disconnection effects, 1445
intermittent pyramidal claudication as presenting and sole symptom, (L) 147
McArdle's sign, (MA) 1110
methylprednisolone: comparative dose study, (L) 1108
no apparent association with HLA antigens in southern Chinese, 443
150th anniversary of first depiction of lesions, 1249
peripheral blood lymphocyte phenotype and function, 1187
perivascular iron deposition and other vascular damage, 260
pregnancy, 495
presenting as chronic atypical psychosis, 281
prevalence in south east Wales, 1520
stimulation of motor tracts, 677
trial of high dose methylprednisolone, (MA) 597
MULTIPLE SYSTEM ATROPHY
dorsal spinal cord depletion of substance P and CGRP, 192
low leukocyte GDH activity does not correlate with a particular type, 1508
with autonomic failure: low lumbar CSF levels of homovanillic acid and 5-hydroxyindoleacetic acid, 914
MUMENTHALER M. *See* VOCK P, 72
MURAKAMI T. *See* NODA S, 582
MURATORIO A. *See* BONUCCELLI U, 154
MURRAY NMF. *See* CLAUS D, 790
MURRAY NMF. *See* SCHRIEFER TN, 60
MURTHY JMK, NAIDU KV: Aneurysm of the cervical internal carotid artery following chiropractic manipulation, (L) 1237
MUSCLE DISEASES *See also specific diseases*
new metabolic: due to abnormal hexokinase activity, 250
MUSCLE MEMBRANES
expression of antigens in myotonic dystrophy, 136
MUSCLE PAIN SYNDROME
exertional: Ca^{2+}-ATPase deficiency, 1425
MUSCLE SPASMS
painful, complicating algodystrophy: central or peripheral disease?, 563
MUSCLE STRENGTH
endurance and recovery in post-infection fatigue syndrome, 1316
MUSCLE TONE *See also* WARTENBERG PENDULUM TEST
extensor tone disinhibition from infarction within midline anterior cerebellar lobe, (L) 1597
MUSCLES
orofacial: motor control deficits in cerebral palsy, 534
strength: improvement in hypokalaemic periodic paralysis with acetazolamide, 1142
MUSCULAR ATROPHY
asymptomatic benign familial spinal, with calf hypertrophy and high creatine kinase levels, (L) 452
MUSCULAR DYSTROPHY, DUCHENNE
effect of mazindol on growth hormone secretion, 1551
MUSICAL HALLUCINATIONS
following removal of right frontal meningioma, (L) 1235
MUSICCO M. *See* GIROTTI GF, 1498
MUTCH WJ. *See* BROWN RA, 1178
MUTISM *See* AKINETIC MUTISM
MYASTHENIA GRAVIS
and Lambert Eaton syndrome in one patient, 880
caucasian and Chinese: Ig allotypes, 214
familial autoimmune, with different pathogenetic antibodies, 1228
paradoxical reversal of ptosis by edrophonium, (L) 315
thymoma without myasthenia gravis: electrophysiological study after thymectomy, (MA) 160
MYASTHENIC SYNDROME *See* LAMBERT EATON MYASTHENIC SYNDROME
MYELIN
basic protein: effect of immunosuppressive treatment on CSF levels in chronic progressive multiple sclerosis, 1334
peripheral nerve: antibodies in serum from patients with peripheral neuropathy and healthy controls, 820
MYELINOLYSIS *See* PONTINE MYELINOLYSIS
MYELOPATHY
HTLV-I associated: central motor and sensory conduction, 1069
HTLV-I associated: multimodality evoked potentials, 1094

MYELOPROLIFERATIVE DISORDERS
cerebral venous thrombosis as presenting sign, 1219
MYELORADICULOPATHY
spondylotic cervical: neurological deterioration after laminectomy and role of spinal cord ischaemia, 717
MYOCLONUS
somatosensory and acoustic brain stem reflex, 572
with asterixis and acute dystonic reaction following metoclopramide therapy, (L) 1002
MYOKYMIA
in motor neuron disease, (L) 1107
MYOPATHY *See also* MITOCHONDRIAL ENCEPHALOMYOPATHY
adult onset scapuloperoneal: nerve morphometry and multiple muscle biopsies, 808
distal: sporadic adult onset, (MA) 468
MYOSITIS *See* INCLUSION BODY MYOSITIS
MYOTONIA
nifedipine, (MA) 316
MYOTONIC DYSTROPHY
and hyperparathyroidism associated with neurofibromatosis and multiple endocrine adenomatosis type 2A, 1578
CT findings of brain and skull, (MA) 1463
expression of membrane antigens, 136
"warm up" effect, 1134
with unilateral bulbar involvement, (L) 1461

NAGY ME. *See* RUGG MD, 691
NAIDU KV. *See* MURTHY JMK, 1237
NAKAZATO M. *See* TANAKA M, 576
NARCISI P. *See* FOX R, 984
NASHEF L. *See* BRIDGES LR, 288
NASOPHARYNGEAL CARCINOMA
temporal lobe and hypothalamic-pituitary dysfunctions after radiotherapy, 1302
NAVARRO C. *See* ROIG M, 1091
NAWANO S. *See* KOIZUMI J, 987
NEARY D, SNOWDEN JS, NORTHEN B, GOULDING P: Dementia of frontal lobe type, 353
NEGATIVE HALLUCINATIONS
ictal phenomenon of partial complex seizures, (L) 454
NEGLECT
in line bisection: analysis of factors, 1581
recovery after subcortical stroke, 1269
NEILSON PD *See* VAUGHAN CW, 534
NEOPTERIN: BIOPTERIN RATIOS
in urine: high correlation with visual evoked potentials in Alzheimer's disease, (L) 314
NERTEMPI P. *See* PIETRINI V, 1284
NERVE ACTION POTENTIALS *See* ACTION POTENTIALS
NERVE CONDUCTION *See also* MOTOR CONDUCTION
central motor and sensory, in spinal cord disorders, 1069
Guillain-Barré syndrome: model of random conduction block, 1158
proximal facial nerve: transcranial magnetic stimulation, 60
sensory: medial and lateral plantar nerves, 188
velocities of peripheral fibres conveying sensations of warming and cooling, 1164
NERVE FIBRES *See also* GIANT AXONAL NEUROPATHY
peripheral nociceptive C fibre function, 28
NESHIGE R, BARRETT G, SHIBASAKI H: Auditory long latency event-related potentials in Alzheimer's disease and multi-infarct dementia, 1120
NEUBAUER RA: Hyperbaric oxygen and multiple sclerosis, (MA) 889
NEURAL CELL ADHESION MOLECULE
in myotonic dystrophy, 136
NEURITIS
sensory perineuritis, 473
NEURO-BEHCET'S SYNDROME
variants: two necropsy cases of chronic encephalomyelitis, 1084
NEUROFIBROMATOSIS
and multiple endocrine adenomatosis type 2A associated with myotonic dystrophy and hyperparathyroidism, 1578
NEUROLEPTIC MALIGNANT SYNDROME
due to sulpiride, (L) 1109
in Wilson's disease, (L) 1001
NEUROLEPTICS
inducing Parkinson's syndrome: clinical features and levodopa, 850
involuntary orofacial movements in hospitalised patients with mental handicap or epilepsy, 863
NEUROMUSCULAR TRANSMISSION
combined myasthenia gravis and Lambert Eaton syndrome, 881
historical note, 1268
NEUROPATHY
acute idiopathic: clinical features and their prognostic value, 605, antecedent events, 613, immunology, 619
and IgM monoclonal gammopathy in two siblings, 1308
autoimmune optic: evaluation and treatment, 1381
autonomic, in alcoholics: mortality, 476
autonomic, in systemic lupus erythematosus, (L) 1238
compressive mononeuropathy of deep palmar branch of ulnar nerve in cyclists, 1588
giant axonal: observations on a further patient, 991
late onset Isofenphos neurotoxicity, 1338
motor entrapment, in the elderly, (L) 311
peripheral: associated with erythrophagocytic lymphohistiocytosis, 291
peripheral: complicating pancreatitis and major pancreatic surgery, 1341
peripheral: serum antibodies against peripheral nerve myelin, 820
NEUROPEPTIDES
spinal cord depletion of substance P and CGRP in multiple system atrophy, 192
NEUROSYPHILIS
ultralate cerebral potentials as correlates of delayed pain perception, 1330
NEUROTRANSMITTERS
amino acid: CSF gradients, 1193
NEWBORN
spinal cord section syndrome: congenital spinal cord haemangioblastoma, 1091
NEWMAN PK. *See* BINDOFF L, 1108
NEWMAN PK. *See* LYONS PR, 285
NEWSOM-DAVIS J. *See* CHIU H-C, 214
NICHOLAS M. *See* BOROD JC, 826
NICHOLLS AC. *See* FOX R, 984
NICKLAS WJ. *See* DUVOISIN RC, 1508
NIEDERMEYER E, LOPES DA SILVA F, eds: Electroencephalography, (R) (1987) 1247
NIEMAN E. *See* KREEGER L, 999
NIFEDIPINE
in myotonia, (MA) 316
NIGHTINGALE S. *See* POULTON KR, 250
NIMODIPINE
effect of pretreatment on experimental intracerebral haemorrhage, 651
NIMUSTINE
inducing DNA lability in rat glioma cells, 1391
NISHIO S. *See* COLBASSANI HJ, 332
NOCARDIA ASTEROIDES
infection of cauda equina, (L) 309

NODA S, UMEZAKI H, ITOH H, HIROMATSU K, YAMAMOTO T: Chronic focal polymyositis, (L) 728
NODA S, UMEZAKI H, YAMAMOTO K, ARAKI T, MURAKAMI T, ISHII N: Reye-like syndrome following treatment with the pantothenic acid antagonist, calcium hopantenate, 582
NORADRENALINE
in adrenal medulla from Parkinsonian patients, (L) 1104
NORBIATO G, BEVILACQUA M, CARELLA F, CHEBAT E, RAGGI U, BERTORA P, GRASSI MP, MANGONI A: Alterations in vasopressin regulation in Alzheimer's disease, 903
NORLEN L. *See* AHLBERG J, 105
NORTHEN B. *See* NEARY D, 353
NUCLEI, SUBCORTICAL
differential involvement in senile dementia of Alzheimer's type, 842
NUTI A. *See* BONUCCELLI U, 154

OBEID T. *See* BAHEKUMA M, 1017
OBESO JA. *See* MARTINEZ-VILA E, 1353
OCULAR BOBBING
and ocular dipping: clinical spectrum, 725
OCULOMOTOR CONTROL
in Gilles de la Tourette syndrome, 1081
ODA K-I. *See* KAKIGI R, 1094
ODA K-I. *See* SHIBASAKI H, 572
O'DWYER NJ. *See* VAUGHAN CW, 534
OFUKU K. *See* KOIZUMI J, 987
OGATA J, IMAKITA M, YUTANI C, MIYAMOTO S, KIKUCHI H: Primary brainstem death: a clinico-pathological study, 646
OKAMOTO K. *See* TANAKA M, 576
OLDENDORF W, OLDENDORF W JR: Basics of Magnetic Resonance Imaging, (R) (1988) 1368
OLESKE J. *See* TROIANO R, 980
OLIVERAS C, D'OLHABERRIAGUE L, GARCIA J, MATIAS-GUIU X: Parkinsonism as first manifestation of lymphomatoid granulomatosis, (L) 999
OLIVIER E. *See* DELWAIDE PJ, 1546
OLIVOPONTOCEREBELLAR ATROPHY
dominantly-inherited: reduced brain acetylcholinesterase activity, 544
familial, with neonatal onset, 385
OLSSON T. *See* CRUZ M, 820
O'MALLEY BP. *See* ROBINSON IC, 1576
OOSTERHUIS HJG. *See* LINKS TP, 1142
OPERCULUM SYNDROME
from brain abscess in a left-hander, (L) 307
OPPENHEIMER SM. *See* HOFFBRAND BI, 1213
OPSOCLONUS-MYOCLONUS SYNDROME
pontine lesion: MRI, 1572
OPTIC ATROPHY *See* LEBER'S OPTIC ATROPHY
OPTIC NEURITIS
early risk of multiple sclerosis, 1569
in childhood: recovery, 1253
OPTIC NEUROPATHY
autoimmune: evaluation and treatment, 1381
ORBICULARIS OCULI
stimulated: technique of jitter measurement, 814
ORBITAL TUMOURS
transient uniocular visual loss, (MA) 467
ORGANOPHOSPHORUS COMPOUNDS
late onset Isofenphos neurotoxicity, 1338
ORMEROD IEC. *See* DONAGHY M, 991
ORMEROD IEC. *See* MILLER DH, 1569
OROFACIAL MOVEMENTS
involuntary, in hospitalised patients with mental handicap or epilepsy, 863
OROFACIAL MUSCLES
motor control deficits in cerebral palsy, 534
OROFACIAL PAIN
intensity measurements, 481
ORTEGA A. *See* ROIG M, 1091
OSMOND C. *See* WINER JB, 605
OSTROWSKA Z, BUNTNER B, ROSCISZEWSKA D, GUZ I: Adrenal cortex hormones in male epileptic patients before and during a 2-year phenytoin treatment, 374
OTOMO E-I. *See* YAMADA M, 1088
OTORRHOEA, CSF
endaural extracranial repair with human fibrin glue: technical note, 1438
OUNSTED S, LINDSAY J, RICHARDS P: Temporal Lobe Epilepsy 1948 to 1986, (R) (1988) 1247
OWEN C. *See* WILLIAMS AC, 447
OXFORD COMMUNITY STROKE PROJECT 1981–86
1. Methodology, demography and incident cases, 1373

PADBERG GW. *See* WINTZEN AR, 1542
PAETAU A. *See* ERKINJUNTTI T, 1037
PAGANO F. *See* SERVADEI F, 526
PAIN
acute intraoral: alteration of cutaneous sensibility?, 1032
delayed perception in neurosyphilis: correlated ultralate cerebral potentials, 1330
limb, in migraine and cluster headache, 1022
low back: routine CSF analysis during lumbar radiculography, 878
PAIN MEASUREMENT
argon laser induced single cortical responses, 43
in patients with acute pain receiving afferent stimulation, 481
peripheral nociceptive C fibre function, 28
PAIN THRESHOLDS
characteristics to laser stimuli, 35
evaluation in newly diagnosed Type I diabetics, 1420
heat: influence of acute hyperglycaemia, 688
PALATINSKY E. *See* FERRANTE L, 1438
PALL HS. *See* WOOD N, 731
PALO J. *See* ERKINJUNTTI T, 1037
PANAYIOTOPOULOS CP: Vomiting as an ictal manifestation of epileptic seizures and syndromes, 1448
PANAYIOTOPOULOS CP. *See* BAHEMUKA M, 1017
PANCREATITIS
and major pancreatic surgery complicated by peripheral neuropathy, 1341
PANTOTHENIC ACID
Reye-like syndrome following treatment with antagonist calcium hopantenate, 582
PAPARINI L. *See* BONUCCELLI U, 154
PARADICHLOROBENZENE
chronic exposure followed by reversible ataxia, (L) 453
PARAGANGLIOMA
of cauda equina, (MA) 740
PARALYSIS *See* PERIODIC PARALYSIS
PARAMNESIA *See* REDUPLICATIVE PARAMNESIA
PARAPLEGIA
acute: ependymal cyst of spinal cord, (L) 885
presenting feature of meningococcal meningitis, (L) 1241
PARASITIC INFECTIONS
CNS invasion in Thailand, 80
PARIETAL LESIONS
effect on stability and tremor in the finger, 1411
right: loss of unilateral eye closure, (L) 1008
PARINAUD'S SYNDROME
historical note, 528
PARKES D, JENNER P, RUSHTON D, MARSDEN CD: Neurological Disorders (*Treatment in Clinical Medicine*), (R) (1987) 161

PARKHOUSE N, LE QUESNE PM: Quantitative objective assessment of peripheral nociceptive C fibre function, 28
PARKINSONIAN SYNDROME
associated with exposure to Monensin, (L) 729
caused by tumour of left supplementary motor area, (L) 730
dystonic: after cyanide poisoning: clinical and MRI findings, 1345
in pseudohypoparathyroidism with no basal ganglia calcification, 709
neuroleptic-induced: clinical features and levodopa, 850
PARKINSONISM
first manifestation of lymphoid granulomatosis, (L) 999
PARKINSON'S DISEASE
afferents contributing to exaggerated long latency reflex response to electrical stimulation, 1405
aggravatioon by cinnarazine, (MA) 158
and depression: psychometric properties of Beck Depression Inventory, 1401
and anismus: constipation and paradoxical puborectalis contraction, 1503
control of bimanual aiming movements, 223
dementia and cognitive impairment, 1498
early onset: disease and essential tremor in families, 429
effect of age on onset on neuropsychological performance, 244
facial expression: study using a novel microcomputer-based method, 362
false positive diagnosis of phaeochromocytoma in patient receiving levodopa, (L) 728
following intra-uterine influenza?: speculative hypothesis, 753
hand contractures, 1221
motor symptoms, intellectual impairment, and depression, 855
noradrenaline, adrenaline and tyrosine hydroxylase in adrenal medulla, (L) 1104
open label trial of pergolide in patients failing bromocriptine therapy, 529
pedunculopontine nucleus, 540
planning and spatial working memory, 757
prism adaptation, 1584
relevance of Lewy body to pathogenesis, 745
stridor during dystonia phases, (MA) 161
PARNELL AP: Cervical intradural disc protrusion, (L) 1007
PAROLIN MKF. *See* RAMINA R, 1006
PARSONS MR. *See* BOOTHMAN BR, 1241
PART NJ. *See* BROWN RA, 1171, 1178
PATTERSON J. *See* DUNCAN R, 1366
PAULSON GW. *See* HUBER SJ, 855
PAZZAGLIA P. *See* D'ALESSANDRO R, 596
PEARCE JMS: Historical notes, 1157, 1163
PEARLSON GD. *See* STARKSTEIN SE, 1259
PEDUNCULOPONTINE NUCLEUS
in Parkinson's disease, progressive supranuclear palsy and Alzheimer's disease, 540
D-PENICILLAMINE
effect on brain metabolism in Wilson's disease: case study, 947
PEPTIDES
CSF neurohypophysial: in benign intracranial hypertension, 1538
PERANI D. *See* VALLAR G, 1269
PERCUTANEOUS ELECTRICAL STIMULATION
lumbosacral roots in man, 174
motor tracts in cervical spondylosis, 796
PERENTES E. *See* ROSS GW, 1231
PERGOLIDE
open label trial in patients failing bromocriptine therapy for Parkinson's disease, 529
PERIODIC PARALYSIS
asymptomatic cardiac arrhythmias, (L) 154
familial hypokalaemic: muscle strength improvement with acetazolamide, 1142
PERIPHERAL NERVES
conduction velocities of fibres conveying sensations of warming and cooling, 1164
intact, in pernicious anaemia: delayed somatosensory evoked potentials, (L) 1105
nociceptive C fibre function, 28
serum antibodies against myelin in peripheral neuropathy, 820
PERIPHERAL NEUROPATHY *See* NEUROPATHY
PERLMAN D. *See* HANKEY GJ, 1106
PERNICIOUS ANAEMIA
with intact peripheral nerves: delayed somatosensory evoked potentials, (L) 1105
PERQUIN WVM. *See* VAN LEEUWEN RB, 592
PERRETT CW, MARCHBANKS RM, WHATLEY SA: Characterisation of messenger RNA extracted post-mortem from the brains of schizophrenic, depressed and control subjects, 325
PERTUISET B. *See* TEASDALE GM, 1457
PETERSE JL. *See* BOOGERD W, 142
PETERSEN J. *See* ANDERSEN EB, 1208
PHAEOCHROMOCYTOMA
false positive diagnosis in patient with Parkinson's disease receiving levodopa, (L) 728
PHARYNGITIS
group A beta haemolytic, in an adult: new onset choreiform disorder, (L) 448
PHENYTOIN
adrenal cortex hormones in male epileptics before and during a 2-year treatment, 374
withdrawal symptoms, 924
PHILIP HI. *See* COLE JD, 1411, 1558
PHILLIPS M. *See* CRITCHLEY EMR, 1238
PHOTOSENSITIVITY
epilepsy: seasonal variations in incidence of photoparoxysmal response to stimulation, 875
PIAL ANGIOMATOSIS
unilateral: secondary bilateral synchrony, 663
PIAZZA G. *See* SERVADEI F, 526
PICCOLO I. *See* GIROTTI GF, 1498
PICKARD JD. *See* FITCH W, 88
PICOZZI P. *See* POZZILLI C, 1058
PIETRINI V, NERTEMPI P, VAGLIA A, REVELLO MG, PINNA V, FERRO-MILONE F: Recovery from herpes simplex encephalitis: selective impairment of specific semantic categories with neuroradiological correlation, 1284
PILOWSKY I. *See* KATSIKITIS M, 362
PINNA V. *See* PIETRINI V, 1284
PITKÄNEN A, MATILAINEN R, RUUTIAINEN T, LEHTINEN M, RIEKKINEN P: Effect of vigabatrin (gamma-vinyl GABA) on amino acid levels in CSF of epileptic patients, 1395
PITT B, ed: Dementia, (R) (1987) 320
PLANNING
and spatial working memory in Parkinson's disease, 757
PLANTAR NERVES
medial and lateral: sensory conduction, 188
PLETS C, BAERT AL, NIJS GL, WILMS G: Computer Tomographic Imaging and Anatomic Correlation of the Human Brain, (R) (1987) 472
PLOSKA A. *See* CERVERA P, 1104
PLUM F. *See* LEVY DE, 318
PNEUMOCEPHALUS, TENSION
subdural and intraventricular, after transsphenoidal operation, (L) 1005
PODREKA I. *See* BRÜCKE T, 456
POHL P. *See* SCHMUTZHARD E, 1215

POLAK BCP. *See* VECHT CHJ, 467
POLDER TW. *See* FERRARI MD, 147
POLINSKY RJ, BROWN RT, BURNS RS, HARVEY-WHITE J, KOPIN IJ: Low lumbar CSF levels of homovanillic acid and 5-hydroxyindoleacetic acid in multiple system atrophy with autonomic failure, 914
POLINSKY RJ, TAYLOR IL, WEISE V, KOPIN IJ: Gastrin responses in patients with adrenergic insufficiency, 67
POLIOVIRUS INFECTION
cause of an immunological disorder? (L) 313
POLLOCK S. *See* METCALFE R, 1387
POLYMYOSITIS
chronic focal, (L) 728
POLYNEUROPATHY *See also* FAMILIAL AMYLOIDOTIC POLYNEUROPATHY
chronic relapsing inflammatory, complicating sicca syndrome, (L) 159
cranialis, following cervical epidural anaesthesia, (L) 1106
PONSFORD SN: Sensory conduction in medial and lateral plantar nerves, 188
PONSOT G. *See* BOUTIN B, 291
PONTINE HAEMORRHAGE
complete gaze palsy, (L) 150
PONTINE LESIONS
opsoclonus-myoclonus syndrome: MRI, 1572
PONTINE MYELINOLYSIS
central: acquired focal dystonia following recovery, (L) 1354
POOLE CJM, LIGHTMAN SL: Inhibition of vasopressin secretion during migraine, 1441
POORTVLIET DCJ. *See* TANS JTHJ, 521
POPE FM. *See* FOX R, 984
POROPUDAS K. *See* VILKKI J, 1452
POSITRON EMISSION TOMOGRAPHY
assessment of cerebral haemodynamic reserve, 1045
blood-brain barrier permeability in multiple sclerosis, 1058
in chorea with different underlying causes, (MA) 1010
Usher's syndrome with mental disorder, 987
POSNER JB. *See* ANDERSON NE, 1009
POSTERIOR FOSSA
giant aneurysm causing lateral gaze palsy, (L) 883
POST K, JAFFE J, REUBENS P, KUTSCHER AH, HOFFMEISTER D, MURASKO KM, POST LF, eds: Acute, chronic, and Terminal Care in Neurosurgery, (R) (1987) 1111
POST-INFECTION FATIGUE SYNDROME
muscle strength, endurance and recovery, 1316
POSTHEMIPLEGIC DYSTONIA
late onset, in systemic lupus erythematosus, (L) 151
POSTURE
adjustments associated with rapid voluntary arm movements: biomechanical analysis, 232
POSTURO-KINETIC ORGANISATION
early phase of voluntary upper limb movement in normal subjects, 956
POULTON KR, NIGHTINGALE S: A new metabolic muscle disease due to abnormal hexokinase activity, 250
POWERS WJ, RAICHLE ME, eds: Cerebrovascular Diseases. Fifteenth Research (Princeton) Conference, (R) (1987) 892
POZZILLI C, BERNARDI S, MANSI L, PICOZZI C, IANNOTTI F, ALFANO B, BOZZAO L, LENZI GL, SALVATORE M, CONFORTI P, FIESCHI C: Quantitative assessment of blood-brain barrier permeability in multiple sclerosis using 68-Ga-EDTA and positron emission tomography, 1058
PREGNANCY
multiple sclerosis, 495
neurological complications due to hypertensive disorders, 416
PRESTES ACF. *See* RAMINA R, 1006
PROGRESSIVE SUPRANUCLEAR PALSY
pedunculopontine nucleus, 540
PROLACTIN
effect of bromocriptine and metoclopramide on serum levels in amyotrophic lateral sclerosis, 643
serum evaluation after "minor" generalised seizures monitored by EEG, (L) 308
PROPRANOLOL
and propranolol-LA in essential tremor: double-blind comparative study, 379
PROVENZANO C, ARANCIO O, EVOLI A, ROCCA B, BARTOCCIONI E, DE GRANDIS D, TONALI P: Familial autoimmune myasthenia gravis with different pathogenetic antibodies, 1228
PRYSE-PHILLIPS W, MURRAY TJ: Essential Neurology: a Concise Textbook 3rd ed, (R) (1987) 322
PSEUDOHYPOPARATHYROIDISM
Parkinsonian syndrome with no basal ganglia calcification, 709
PSITTACOSIS
complicated by sixth cranial nerve palsy, (L) 1462
PSYCHIATRIC DISORDERS
morbidity and illness behaviour in female neurological in-patients, 1387
PSYCHOMOTOR FUNCTION
in epilepsy: concentration-effect relationships with carbamazepine and its epoxide, 929
PSYCHOSIS
chronic atypical: presentation of multiple sclerosis, 281
PSYCHOSURGERY
cohort study of cases from a defined population, 345
PTOSIS
paradoxical reversal in myasthenia gravis by edrophonium, (L) 315
PUBORECTALIS CONTRACTION
and constipation in anismus and Parkinson's disease, 1503
PULLAR T. *See* HAIGH JRM, 1008
PUPILS
pinpoint, and brain death, (L) 1002
PUSEY CD. *See* BRECKER SJD, 309
PYRAMIDAL CELLS
hippocampal CA1 basal dendrites: Golgi study in senile dementia of Alzheimer type, 1088

QUINN NP, CARRUTHERS M, DORMANDY J: False positive diagnosis of phaeochromocytoma in a patient with Parkinson's disease receiving levodopa, (L) 728
QUINN NP. *See* ASHERSON RA, 1458
QUINN NP. *See* AUBBY D, 893
QUINN NP. *See* GRANDAS F, 767

RADDA GK. *See* TAYLOR DJ, 1425
RADICULOMYELITIS
in Thailand, 80
RADICULOGRAPHY *See* LUMBAR RADICULOGRAPHY
RADICULOPATHY *See* CERVICAL RADICULOPATHY
RADIOTHERAPY
nasopharyngeal carcinoma: temporal lobe and hypothalamic-pituitary dysfunctions, 1302
RAGGI U. *See* NORBIATO G, 903
RAISMAN R. *See* CERVERA P, 1104
RAJSHEKHAR V, CHANDY MJ: What is a "cryptic" arteriovenous malformation?, (L) 1459
RAMINA R, ARRUDA WD, PAROLIN MKF, PRESTES ACF: When and on what to operate in multiple cerebral cysticercosis cysts?, (L) 1006
RAMSAY HUNT SYNDROME
historical note, 533

RAMUSTINE
inducing DNA lability in rat glioma cells, 1391
RAPUZZI B. *See* CARELLA F, 1345
RASCOL O. *See* CERVERA P, 1104
RAT GLIOMA CELLS
DNA lability induced by nimustine and ramustine, 1391
READING EPILEPSY
primary: comprehension as the effective trigger, 128
REBBETOY M. *See* KISH SJ, 544
REBUCCI GG. *See* SERVADEI F, 526
REDFERN RM, MILES J, BANKS AJ, DERVIN E: Stabilisation of the infected spine, 803
REDUPLICATIVE PARAMNESIA
pathogenesis, 839
possible anatomical and neuropsychological mechanisms, 579
REFLEXES *See also* LONG LATENCY REFLEX RESPONSE
tibilais anterior, in healthy subjects and in L5 radicular compression, 397
REGLI F. *See* BOGOUSSLAVSKY J, 116
REID IC, BESSON JAO, BEST PV, SHARP PF, GEMMELL HG, SMITH FW: Imaging of cerebral blood flow markers in Huntington's disease using single photon emission computed tomography, 1264
RENIER WO. *See* VAN ERVEN PMM. 704
RESPIRATORY ARREST
complication of cerebellar ectopia in adults, 714
REULEN JPH. *See* BOLLEN EL, 1081
REVELLO MG. *See* PIETRINI V, 1284
REYE'S SYNDROME
Reye-like syndrome following treatment with pantothenic acid antagonist, calcium hopantenate, 582
RHEUMATIC FEVER
acute: absence of antibodies to cardiolipin, (L) 1458
RHEUMATOID ARTHRITIS
active: transient ischaemic attacks associated with thrombocytosis, (L) 1599
RICHARDS A, GRAHAM D, BULLOCK R: Clinicopathological study of neurological complications due to hypertensive disorders of pregnancy, 416
RICHEY ET. *See* HERMANN BP, 203
RIDLEY A. *See* THOMPSON AJ, 1596
REIKKINEN P. *See* PITKÄNEN A, 1395
RIDDLE MA. *See* ANDERSON GM, 1100
RIGID SPINE SYNDROME
in two sisters, 131
RIGIDITY
Wartenberg pendulum test in stroke and Parkinson's disease, 1178
RINGEL RA, CULBERSON JL: Extensor tone disinhibition from an infarction within the midline anterior cerebellar lobe, (L) 1597
RINGEL RA. *See* KEEFOVER R, 454
RINGEL SP: Neuromuscular Disorders: a Guide for Patient and Family, (R) (1987) 162
RINGELSTEIN EB, MAUCKNER A, SCHNEIDER R, STURM W, DOERING W, WOLF S, MAURIN N, WILLMES K, SCHLENKER M, BRUCKMANN H, ESCHENFELDER V: Effects of enzymatic blood defibrination in subcortical arteriosclerotic encephalopathy, 1051
RINNE UK. *See* MARTTILA RJ, 429
RISTANOVIC RK. *See* GLANTZ RH, 885
RITCHIE V. *See* DUVOISIN RC, 1508
RIZZOLO L. *See* ZAFFARONI M, 1465
RNA *See* MESSENGER RNA
ROBAIN O. *See* BOUTIN B, 291
ROBBERECHT W, VAN HEES J, ADRIAENSEN H, CARTON H: Painful muscle spasms complicating algodystrophy: central or peripheral disease?, 563
ROBBINS TW. *See* MORRIS RG, 757
ROBERTS MA, HUMPHREY PRD: Prolonged complex partial status epilepticus: a case report, (L) 586
ROBINSON BJ. *See* JOHNSON RH, 476
ROBINSON IC, O'MALLEY BP, YOUNG ID: Familial cerebellar ataxia and diabetes insipidus, 1576
ROBY-BRAMI A. *See* CHAPELLE PA, 197
ROCCA B. *See* PROVENZANO C, 1228
ROCCHICCIOLI F. *See* BOUTIN B, 291
ROCHE SW. *See* BRIDGES LR, 288
ROCHE SW. *See* LANE RJM, 1434
RODNITZKY RL: Van Allen's Pictorial Neurologic Tests 3rd ed, (R) (1988) 1467
ROGERS H. *See* GUILOFF RJ, 671
ROGERS H. *See* MODARRES-SADEGHI H, 1146
ROGERS RL. *See* MEYER JS, 1489
ROHOWSKI-KOCHAN C. *See* TROIANO R, 980
ROIG M, BALLESCA M, NAVARRO C, ORTEGA A, MARTORELL R, FINA A: Congenital spinal cord haemangioblastoma: another cause of spinal cord section syndrome in the newborn, 1091
ROINE R. *See* SULKAVA R, 549
ROOS RAC. *See* BOLLEN EL, 1081
ROSCISZEWSKA D. *See* OSTROWSKA Z, 374
ROSE FC, ed: Advances in Headache Research (*Current Problems in Neurology 4*), (R) (1987) 603
ROSE FC, ed: The Management of Headache, (R) (1987) 1371
ROSE FC, JONES R, eds: Multiple Sclerosis, Immunological, Diagnostic and Therapeutic Aspects (*Current Problems in Neurology 3*), (R) (1987) 471
ROSE FC. *See* BRIDGES LR, 288
ROSE JE. *See* SIMPSON RK, 1349
ROSEN J. *See* STERN Y, 1584
ROSENBERG NL, DILIBERTI JH, ANDREWS AM, BUIST NRM: Myotonic dystrophy and hyperparathyroidism: associated with neurofibromatosis and multiple endocrine adenomatosis type 2A, 1578
ROSENBLUM ML, LEVY RM, BREDESEN DE, eds: AIDS and the Nervous System, (R) (1987) 1243
ROSS GW, SWANSON SA, PERENTES E, URICH H: Ectopic midline spinal ganglion in diastematomyelia: a study of its connections, 1231
ROSS RT: Historical notes, 528, 533, 1192, 1268
ROSSOR M. *See* TYRRELL P, 995
ROTHWELL JC. *See* MAERTENS DE NOORDHOUT A, 174
ROUGIER A, LOISEAU P: Orbital frontal epilepsy: a case report, (L) 146
ROUTON M-C. *See* BOUTIN B, 291
ROUX FX. *See* GASNAULT J, 422
ROY EP. *See* KEEFOVER R, 454
RUBINSTEIN LJ. *See* MORK SJ, 256
RUFF RL. *See* LANSKA DJ, 1107
RUGG MD, COWAN CP, NAGY ME, MILNER AD, JACOBSON I, BROOKS DN: Event related potentials from closed head injury patients in an auditory "Oddball" task: evidence of dysfunction in stimulus categorisation, 691
RUITENBEEK W. *See* VAN ERVEN PMM, 704
RUSSELL RCG. *See* GROSS MLP, 1341
RUUTIAINEN T. *See* PITKÄNEN A, 1395
RWIZA HT, VAN DER VLIET AM, KEYSER A, THIJSSEN HOM, MERX JL, BRANDS HFCM: Bilateral spontaneous carotid-cavernous fistula, associated with systemic hypertension and generalised arteriosclerosis, (L) 1003
RX77368
TRH analogue: subacute administration in motor neuron disease, 1146

SACQUEGNA T. *See* D'ALESSANDRO R, 21, 596
SACRAL CANAL
haemangiopericytic meningioma: case report, 288
SADEH M, BRAHAM J: Unexplained chronic subarachnoid

bleeding and a slowly progressive neurological syndrome, (MA) 1465
SAGE J. *See* DUVOISIN RC, 1508
SAGGU HK. *See* AUBBY D, 893
SAHAKIAN BJ. *See* MORRIS RG, 757
SAINT PAUL
and temporal lobe epilepsy, (MA) 886
SAKUMA K. *See* KOIZUMI J, 987
SAKUTA M. *See* MATSUMURA K, 313
SALVATORE M. *See* POZZILLI C, 1058
SAN MARINO
epidemiology of headache, 21
SANO K, ASANO T, TAMURA A: Acute Aneurysm Surgery, (R) (1987) 1244
SANO K. *See* TEASDALE GM, 1457
SANCHEZ-RAMOS JR. *See* FACTOR SA, 529
SANCHO-RIEGER J. *See* CASADO NARANJO I, 1599
SANDERCOCK P. *See* BAMFORD JM, 1373
SANDERS DB, HOWARD JF: Thymoma without myasthenia gravis: electrophysiological study after thymectomy, (MA) 160
SANDERS EAC, DE KEIZER RJW, ZEE DS, eds: Eye Movement Disorders, (R) (1987) 600
SANDLER MA. *See* BAKER MK, 455
SANDSON TA, LILLY RB, SODKOL M: Kluver-Bucy syndrome associated with delayed post-anoxic leucoencephalopathy following carbon monoxide poisoning, (L) 156
SANES J, LEWITT PA, MAURITZ K-H: Visual and mechanical control of postural and kinetic tremor in cerebellar system disorders, 934
SARCOIDOSIS
anterior visual pathway: successes and failures, 1473
associated relapsing dermatomyositis, (L) 311
meningitis, high CSF adenosine deaminase levels and results of cranial irradiation, (L) 1594
SAUNDERS M. *See* BINDOFF L, 1108
SAUNDERS M. *See* LYONS PR, 285
SAVOIARDO M. *See* CARELLA F, 1345
SAWAYA R, TEW JM, eds: Laser Application in Neurosurgery, (R) (1988) 1471
SAWICKE EH, BRANTHWAITE MA: Respiratory Emergencies, (R) (1988) 1467
SAZANT A. *See* HONIG LS, 277
SCAPULOPERONEAL MYOPATHY
adult onset: nerve morphometry and multiple muscle biopsies, 808
SCHADY W, MEARA RJ: Hereditary progressive chorea without dementia, 295
SCHEINBERG LC, HOLLAND NJ, eds: Multiple Sclerosis: a Guide for Patients and Their Families 2nd ed, (R) (1987) 320
SCHERMAN D. *See* CERVERA P, 1104
SCHIEVINK WI, DE WAAL LP, HAGEMAN LM, VAN DER WERF AJM: Intracranial aneurysm and HLA-DR2, (L) 883
SCHISTOSOMA
spinal cord, (MA) 158
SCHIZOPHRENIA
characterisation of messenger RNA extracted post-mortem from brain, 325
effects of antipsychotic drugs and symptomatology on perceptual asymmetry, 1531
specific imbalance of right and left sided motor neuron excitability, 626
stability of CT scan findings: 8 year follow-up study, 209
topographic subtypes of tardive dyskinesia in patients aged less than 60 years, 1525
SCHLAEFFER F. *See* SPERBER AD, 998
SCHLENKER M. *See* RINGELSTEIN EB, 1051
SCHMID UD, HESS CW, LUDIN H-P: Somatosensory evoked potentials following nerve and segmental stimulation do not confirm cervical radiculopathy with sensory deficit, 182
SCHMIDBAUER M. *See* BRÜCKE T, 456
SCHMUTZHARD E, BOONGIRD P, VEJJAJIVA A: Eosinophilic meningitis and radiculomyelitis in Thailand, caused by CNS invasion of *Gnathostoma spinigerum* and *Angiostrongylus cantonensis*, 80
SCHMUTZHARD E, POHL P, STANEK G: *Borrelia burgdorferi* antibodies in patients with relapsing/remitting form and chronic progressive form of multiple sclerosis, 1215
SCHNEIDER R. *See* RINGELSTEIN EB, 1051
SCHOENHUBER R, GENTILINI M: Anxiety and depression after mild head injury: a case control study, 722
SCHOLTZ CL. *See* SWASH M, 785
SCHON F: Involvement of smell and taste in giant cell arteritis, (L) 1594
SCHRIEFER TN, MILLS KR, MURRAY NMF, HESS CM: Evaluation of proximal facial nerve conduction by transcranial magnetic stimulation, 60
SCHRØDER HD. *See* JENSEN TS, 1308
SCHUT L. *See* KISH SJ, 544
SCHWANNOMA
superior-mediastinal, causing Horner's syndrome, (L) 1460
SCHWARTZ MS. *See* HART Y, 311
SCOTLAND TR. *See* MILLS KLG, 450
SCROTUM
pain with testicular jerking: manifestation of epilepsy, (MA) 160
SEASONS
variations in incidence of photoparoxysmal response to stimulation among photosensitive epileptics, 875
SECKL J, LIGHTMAN S: Cerebrospinal fluid neurohypophysial peptides in benign intracranial hypertension, 1538
SEDGWICK EM. *See* COLE JD, 1411, 1558
SEIZURES *See* EPILEPSY
SEMANTIC CATEGORIES
progressive language impairment without dementia: case report, 1201
specific: selective impairment after herpes simplex encephalitis, 1284
SENSORY CONDUCTION
central, in adrenoleukomyeloneuropathy, cerebrotendinous xanthomatosis, HTLV-I associated myeloneuropathy and tabes dorsalis, 1069
SENSORY LOSS
psychogenic: technique to detect, 1455
SENSORY PERINEURITIS
case report, 473
SENSORY THRESHOLDS
characteristics to laser stimuli, 35
SERVADEI F, CIUGGI G, PAGANO F, REBUCCI GG, ARIANO M, PIAZZA G, GAIST G: Skull fracture as a risk factor of intracranial complications in minor head injuries: a prospective CT study in a series of 98 adult patients, 526
SERVO A. *See* VILKKI J, 1452
SEVERI P. *See* ABBRUZZESE G, 796
SEYAL M, GABOR AJ: The origins of lumbosacral spinal evoked potentials, (MA) 1600
SHAHANI BT. *See* IANNIKAS C, 499
SHAHAR E, BRAND N, SHAPIRA Y, BARASH V, GUTMAN A: Familial carnitine deficiency: further evidence for autosomal recessive transmission with variable expression, 298
SHAPIRA Y. *See* SHAHAR E, 298
SHARP PF. *See* REID IC, 1264
SHAW C-M. *See* HUANG C-C, 870
SHAYWITZ BA. *See* ANDERSON GM, 1100
SHELDON CD. *See* HOFFBRAND BI, 1213
SHELDON JJ. *See* HONIG LS, 277
SHEMENA AR. *See* BAHEMUKA M, 1017

SHEPHERD DI. *See* DICK JPR, 1105
SHEPHERD P. *See* WINER JB, 619
SHEREMATA WA. *See* HONIG LS, 277
SHERRATT HSA. *See* BINDOFF LA, 1242
SHERWIN AL. *See* KISH SJ, 552
SHIBASAKI H, KAKIGI R, ODA K-I, MASUKAWA S-I: Somatosensory and acoustic brain stem reflex myoclonus, 572
SHIBASAKI H. *See* KAKIGI R, 1094
SHIBASAKI H. *See* NESHIGE R, 1120
SHIGEMORI M, KAWABA T, YOSHITAKE Y, MIYAGI J, KURAMOTO S: Fusiform aneurysm of the proximal anterior cerebral artery, (L) 451
SHIMPO T, UGAWA Y, MANNEN T: Motor axon loop as a source of error in the measurement of motor nerve conduction velocity, (L) 1462
SHIMPO T. *See* UGAWA Y, 1069
SHINTON RA, GILL JS, MELNICK SC, GUPTA AK, BEEVERS DG: The frequency, characteristics and prognosis of epileptic seizures at the onset of stroke, 273
SHIRAISHI H. *See* KOIZUMI J, 987
SHORT-LATENCY AUTOGENIC INHIBITION
in human spasticity, 1546
SHORVON SD. *See* DUNCAN JS, 924
SHUNT OPERATION
for normal pressure hydrocephalus: reduction of ventricular size, 521
outcome on urinary incontinence in normal pressure hydrocephalus predicted by lumbar puncture, 105
SHUTTLEWORTH EC. *See* HUBER SJ, 855
SI-SHUNG W. *See* YU-HUAN H, 1591
SICCA SYNDROME
complicated by chronic relapsing inflammatory polyneuropathy, (MA) 159
SIDDHARTHAN R. *See* HONIG LS, 277
SIGEL K. *See* STRAUBE A, 730
SIMMONS J. *See* KISH SJ, 544
SIMON L. *See* FISH DR, 714
SIMON SR. *See* FRIEDLI WG, 232
SIMONETTI S. *See* ABBRUZZESE G, 796
SIMPSON RK, FISCHER DK, DALL GKSE, ROSE JE: Fatal cerebellar herniation secondary to Camurati-Englemann's disease, 1349
SIMS P. *See* MEYER JS, 1489
SINAR EJ, MENDELOW AD, GRAHAM DI, TEASDALE GM: Experimental intracerebral haemorrhage: the effect of nimodipine pretreatment, 651
SINDIC CJM. *See* BUKASA KS-S, 1063
SINDIC CJM. *See* DE VOLDER A, 947
SINGH R. *See* BINDOFF LA, 1242
SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY
cerebral perfusion after subcortical stroke, 1269
imaging for cerebral blood flow markers in Huntington's disease, 1264
SITZIGLOU K. *See* FOWLER CJ, 1164
SKIN FLARE RESPONSES
intact, with dorsal spinal cord depletion of substance P and CGRP in multiple system atrophy, 192
SKULL
CT findings in myotonic dystrophy, (MA) 1463
SKULL FRACTURES
risk factor of intracranial complications in minor head injuries: CT study, 526
SMAJE JC. *See* DICK JPR, 1105
SMELL
involvement in giant cell arteritis, (L) 1594
SMITH CS. *See* COAKLEY JH, 1551
SMITH FW. *See* BESSON JAO, 318
SMITH FW. *See* REID IC, 1264
SMITH PG. *See* HARRIES-JONES R, 111
SMITH SJM, KOCEN RS: A Creutzfeld-Jakob like syndrome due to lithium toxicity, 120
SNOWDEN JS. *See* NEARY D, 353
SOCIETY OF BRITISH NEUROLOGICAL SURGEONS
proceedings, 460
SODIUM NITROPRUSSIDE
induced hypotension: effects on cerebral circulation, 88
SODIUM VALPROATE
withdrawal symptoms, 924
SODKOL M. *See* SANDSON TA, 156
SOLIVERI P. *See* GIROTTI GF, 1498
SOMATOSTATIN
and receptors in cerebral cortex of depressed and control subjects, 719
SONNET J. *See* BUKASA KS-S, 1063
SOUTH AFRICA
race-gender differences in serum creatine kinase activity, 301
SOZZI G. *See* CORNACCHIA L, 1463
SPADAVECCHIA L. *See* ABBRUZZESE G, 796
SPASTIC PARESIS
impaired spinal reflexes and intact motor programs, 568
tropical: MRI in an HTLV-I antibody positive patient, (L) 999
SPASTICITY
human: short latency autogenic inhibition, 1546
Wartenberg pendulum test in stroke and Parkinson's disease, 1178
SPATIAL CONTRAST SENSITIVITY
in benign intracranial hypertension, 1323
SPECOLA N. *See* CHEVRIE J-J, 663
SPEECH THERAPY
language recovery in asphasic stroke patients, (L) 1103
SPENCER MP, ed: Ultrasonic Diagnosis of Cerebrovascular Disease, (R) (1987) 471
SPERBER AD, ALKAN M, STEMMER S, AVNON L, SCHLAEFFER F: Polymicrobial central nervous system infection in the acquired immunodeficiency syndrome, (L) 998
SPINAL CANAL. *See* SACRAL CANAL
SPINAL CORD
congenital haemangioblastoma: another cause of spinal cord section syndrome in newborn, 1091
depletion of substance P and CGRP in multiple system atrophy, 192
ependymal cyst presenting with acute paraplegia, (L) 885
schistosoma, (MA) 158
SPINAL CORD DISORDERS
central motor and sensory conduction, 1069
ischaemia: role in neurological deterioration after laminectomy for spondylotic cervical myeloradiculopathy, 717
SPINAL CORD SECTION
complete: neurological correlations of ejaculation and testicular size, 197
newborn: congenital spinal cord haemangioblastoma, 1091
SPINAL MUSCULAR ATROPHY. *See* MUSCULAR ATROPHY
SPINAL NERVE ROOT COMPRESSION
L5: tibialis anterior reflex, 397
lumbosacral: dermatomal somatonsensory evoked potentials, (MA) 740
SPINAL NERVE ROOTS
lumbosacral: percutaneous electrical stimulation in man, 174
routine CSF analysis during lumbar radiculography for low back pain, 878
SPINAL TUMOURS
causing subarachnoid haemorrhage, (L) 305
SPINE. *See also* CERVICAL SPINE
ectopic midline ganglion in diastematomyelia: connec-

tions, 1231
infected: stabilisation, 803
rigid spine syndrome in two sisters, 131
SPINOCEREBELLAR DEGENERATION
decreased GDH protein, 1078
SPINOCEREBELLAR TRACTS
selective and asymmetric vulnerability in motor neuron disease, 785
SPONDYLOSIS
cervical: electrical stimulation of motor tracts, 796
cervical myeloradiculopathy: deterioration after laminectomy and role of spinal cord ischaemia, 717
SQUIER MV. *See* MATTHEWS WB, 473
STADHOUDERS AM. *See* VAN ERVEN PMM, 704
STALBERG E. *See* GUILOFF RJ, 671
STAM FC. *See* VANNESTE JAL, 131
STAM J: The tibialis anterior reflex in healthy subjects and in L5 radicular compression, 397
STANEK G. *See* SCHMUTZHARD E, 1215
STANHOPE S. *See* FRIEDLI WG, 232
STARK E, HAAS J, MALIN J-P, BRUNKHORST U: Immunocytochemical demonstration of human immunodeficiency virus infected cells in the cerebrospinal fluid, 977
STARKSTEIN SE, BRANDT J, FOLSTEIN S, STRAUSS M, BERTHIER ML, PEARLSON GD, WONG D, MCDONNELL A, FOLSTEIN M: Neuropsychological and neuroradiological correlates in Huntington's disease, 1259
STATUS EPILEPTICUS. *See* COMPLEX PARTIAL STATUS EPILEPTICUS
STEELE-RICHARDSON-OLSZEWSKI SYNDROME
clinical presentation of progressive subcortical gliosis, 1224
STEFANIS C. *See* KONTAXAKIS V, 1001
STEINMETZ H, HASSLER W: Reversible intracranial circulatory arrest in acute subarachnoid haemorrhage, (L) 1355
STELL T, THOMPSON PD, MARSDEN CD: Botulinum toxin in spasmodic torticollis, 920
STELMACH GE, WORRINGHAM CJ: The control of bimanual aiming movements in Parkinson's disease, 223
STEMMER S. *See* SPERBER AD, 998
STEPIEN H. *See* SZULC-KUBERSKA J, 643
STEREOTAXIC TECHNIQUES
CT-assisted brain biopsy: intraoperative frozen section diagnosis, 332
STERN GM. *See* KEMPSTER PA, 859
STERN GM. *See* MATTOCK C, 753
STERN Y, MAYEUX R, HERMANN A, ROSEN J: Prism adaptation in Parkinson's disease, 1584
STERNBACH RA, ed: The Psychology of Pain, (R) (1986) 470
STEVENS JM, VALENTINE AR, KENDALL BE: Computed Cranial and Spinal Imaging, (R) (1987) 1368
STIGSBY B. *See* JENSEN TS, 1308
STOKES MJ. *See* COOPER RG, 1134
STRAUBE A, SIGEL K: Parkinsonian syndrome caused by a tumour of the left supplementary motor area, (L) 730
STRAUSS M. *See* STARKSTEIN SE, 1259
STREPTOCOCCUS, GROUP A BETA HAEMOLYTIC
pharyngitis in an adult: new onset choreiform disorder, (L) 448
STRIANO S. *See* BILO L, 308
STRIATONIGRAL DEGENERATION
bromocriptine therapy, (L) 592
STRIDOR
during dystonia phases of Parkinson's disease, (MA) 161
STROKE. *See also* INFARCTION; OXFORDSHIRE COMMUNITY STROKE PROJECT
acute: trial of ganglioside GM1, 1213
brain glucose metabolism in thalamic syndrome, 427
cognitive recovery: visual neglect, attention span and verbal recall, 10
epileptic seizures at onset, 273, (MA) 1464
language recovery in aphasic patients receiving speech therapy, (L) 1103
subcortical: recovery from aphasia and neglect, 1269
STRONG R, WOOD W, BURKE WJ, eds: Central Nervous System Disorders of Aging: Clinical Intervention and Research (*Aging Vol 33*), (R) (1987) 890
STRONGYLOIDIASIS, DISSEMINATED
and *E coli* meningitis, (L) 1596
STUDER M. *See* VOCK P, 72
STURM W. *See* RINGELSTEIN EB, 1051
STYLES P. *See* TAYLOR DJ, 1425
SUBARACHNOID HAEMORRHAGE
acute: reversible intracranial circulatory arrest, (L) 1355
aneurysmal: third ventricle enlargement and hyponatraemia, 516
artificial: effects of hypotension induced with sodium nitroprusside on cerebral circulation, 88
from spinal tumour, (L) 305
re-evaluation of lumbar puncture and CT scanning in diagnosis: xanthochromia, 342
unexplained chronic, and slowly progressive neurological syndrome, (L) 148, (MA) 1465
universal scale: World Federation of Neurosurgical Societies, (L) 1457
SUBCORTICAL ARTERIOSCLEROTIC ENCEPHALOPATHY. *See* BINSWANGER'S DISEASE
SUBDURAL HAEMATOMA
and arachnoid cysts of the middle fossa, (MA) 467
SUBSTANCE P
dorsal spinal cord depletion in multiple system atrophy, 192
SULKAVA R, VIINIKKA L, ERKINJUNTTI T, ROINE R: Cerebrospinal fluid neuron-specific enolase is decreased in multi-infarct dementia, but unchanged in Alzheimer's disease, 549
SULKAVA R. *See* ERKINJUNTTI T, 1037
SULPIRIDE
neuroleptic malignant syndrome, (L) 1109
SUNDT TM: Occlusive Cerebrovascular Disease: Diagnosis and Surgical Management, (R) (1987) 1244
SUPPLEMENTARY MOTOR AREA
"alien hand" and loss of bimanual coordination after dominant anterior cerebral artery territory infarction, 218
left: tumour causing Parkinsonian syndrome, (L) 730
SURESH TG. *See* GOURIE-DEVI M, 773
SWAAB DF, FLIERS E, MIRMIRAN M, VAN GOOL WA, VAN HAAREN F, eds: Aging of the Brain and Alzheimer's Disease (*Progress in Brain Research Vol 70*), (R) (1986) 603
SWANSON SA. *See* ROSS GW, 1231
SWASH M, SCHOLTZ CL, VOWLES G, INGRAM DA: Selective and asymmetric vulnerability of corticospinal and spinocerebellar tracts in motor neuron disease, 785
SWASH M, INGRAM DA: Preclinical and subclinical events in motor neuron disease, 165
SWASH M. *See* BROWN MM, 425
SWASH M. *See* INGRAM DA, 487
SWASH M. *See* LI T-M, 778
SWASH M. *See* MATHERS SE, 1503
SWEATING, FACIAL
unilateral: Harlequin syndrome, 635
SWEENEY KM. *See* COLBASSANI HJ, 332
SWINGLER RJ, COMPSTON DAS: The prevalence of multiple sclerosis in south east Wales, 1520
SYDENHAM'S CHOREA
absence of antibodies to cardiolipin, (L) 1458
SYSTEMIC LUPUS ERYTHEMATOSUS
autonomic neuropathy, (L) 1238

late onset posthemiplegic dystonia, (L) 151
SZULC-KUBERSKA J, STEPIEN H, KLIMEK A, CIESLAK D: Effect of bromocriptine and metoclopramide on serum prolactin levels in patients with amyotrophic lateral sclerosis, 643

T CELLS. *See* LYMPHOCYTES
TABES DORSALIS
central motor and sensory conduction, 1069
electrodiagnostic features, 1097
TAKAHASHI M. *See* KAJIYAMA K, 1078
TAKAHASHI N. *See* KAWAMURA M, 590
TAKAMIYA K. *See* IWASAKI Y, 449
TAKEI Y. *See* COLBASSANI HJ, 332
TAMURA A. *See* FITCH W, 88
TAN CT: Intracranial hypertension causing visual failure in cryptococcus meningitis, 944
TANABE H. *See* BOGOUSSLAVSKY J, 116
TANAKA M, HIRAI S, MATSUBARA E, OKAMOTO K, MORIMATSU M, NAKAZATO M: Familial amyloidotic polyneuropathy without familial occurrence: carrier detection by the radioimmunoassay of variant transthyretin, 576
TANS JThJ, POORTVLIET DCJ: Reduction of ventricular size after shunting for normal pressure hydrocephalus related to CSF dynamics before shunting, 521
TAPHOORN MJB, VAN DUIJN H, WOLTERS ECH: A neuromuscular transmission disorder: combined myasthenia gravis and Lambert Eaton syndrome, 880
TARDIVE DYSKINESIA
topographic subtypes in schizophrenic patients aged less than 60 years, 1525
TARUI S. *See* KAJIYAMA K, 1078
TASTE
involvement in giant cell arteritis, (L) 1594
TATSUMI T. *See* KAJIYAMA K, 1078
TAYLOR DJ, BROSNAN MJ, ARNOLD DL, BORE PJ, STYLES P, WALTON J, RADDA GK: Ca^{2+}-ATPase deficiency in a patient with an exertional muscle pain syndrome, 1425
TAYLOR DSI. *See* KRISS A, 1253
TAYLOR IL. *See* POLINSKY RJ, 67
TAYLOR WA. *See* WINER JB, 619
TEASDALE GM, HUNT W, KASSELL N, SANO K, PERTUISET B, DE VILLIERS JC: A universal subarachnoid haemorrhage scale: report of a committee of the World Federation of Neurosurgical Societies, (L) 1457
TEASDALE GM. *See* SINAR EJ, 651
TEASDALE GM. *See* WILSON JTL, 391
TEGNER R: A technique to detect psychogenic sensory loss, 1455
TEMPORAL ARTERITIS
historical note, 528, 1192
involvement of smell and taste, (L) 1594
TEMPORAL LOBE DYSFUNCTION
and hypothalamic-pituitary dysfunction after radiotherapy for nasopharyngeal carcinoma, 1302
TERAVAINEN H. *See* HIETANEN M, 244
TER LAAK HJ. *See* VAN ERVEN PMM, 704
TESTICLES
jerking and scrotal pain: manifestation of epilepsy, (MA) 160
size and ejaculation in complete spinal cord section: neurological correlations, 197
THAILAND
eosinophilic meningitis and radiculomyelitis caused by parasitic invasion of CNS, 80
THALAMIC SYNDROME
brain glucose metabolism, 427
historical note, 676
THALAMUS
adjacent infarction; curing essential tremor, (L) 591
right: manic delirium and frontal-like syndrome with paramedian infarction, 116
THERMAL THRESHOLDS
evaluation in newly diagnosed Type I diabetics, 1420
sensory and pain: laser stimuli, 35
THIJSSEN HOM. *See* RWIZA HT, 1003
THOMAS DJ. *See* HEROLD S, 1045
THOMAS PK. *See* CLAUS D, 790
THOMAS PK. *See* DONAGHY M, 991
THOMAS PK. *See* GOSS-SAMPSON MA, 432
THOMPSON AJ, BROWN MM, RIDLEY A: *Escherichia coli* meningitis: high adenosine deaminase levels in CSF and results of cranial irradiation, (L) 1594
THOMPSON AJ. *See* BROWN MM, 425
THOMPSON AJ. *See* INGRAM DA, 487
THOMPSON C, ed: The Origins of Modern Psychiatry, (R) (1987) 1013
THOMPSON PD. *See* MAERTENS DE NOORDHOUT A, 174
THOMPSON PD. *See* STELL R, 920
THROMBOCYTOSIS
in active rheumatoid arthritis: associated transient ischaemic attacks, (L) 1599
THROMBOSIS
cerebral veins: following intravenous clomipramine, (L) 1461
progressive basilar artery: brainstem glioma mimicking, (L) 457
THRON AK: Vascular Anatomy of the Spinal Cord: Neurological Investigations and Clinical Syndromes, (R) (1988) 1372
THYMOMA
without myasthenia gravis: electrophysiological study after thymectomy, (MA) 160
THYROTROPIN RELEASING HORMONE
analogue (RX77368): subacute administration in motor neuron disease, 1146
TIBIALIS ANTERIOR REFLEX. *See* REFLEXES
TISCHLER GL, ed: Diagnosis and Classification in Psychiatry: a Critical Appraisal of DSM III, (R) (1987) 1014
TODD'S PARALYSIS
historical note, 533
TONALI NP. *See* PROVENZANO C, 1228
TORTICOLLIS
spasmodic: botulinum toxin, 920
TOTAL LYMPHOID IRRADIATION
in chronic progressive multiple sclerosis, 980
TRANSIENT ISCHAEMIC ATTACKS
associated with thrombocytosis in active rheumatoid arthritis, (L) 1599
cerebral infarction on CT scans relates to severity of angiographic disease at carotid bifurcation, (L) 305
vertebrobasilar: complete visual inversion, (L) 1236
TRANSSPHENOIDAL OPERATION
subdural and intraventricular tension pneumocephalus, (L) 1005
TRANSTHYRETIN
variant, in familial amyloidotic polyneuropathy: carrier detection by radioimmunoassay, 576
TRAUMA, PERIPHERAL
inducing dystonia and tremor: predisposing factors, 1512
TREDICI G. *See* CAVALETTI G, 468
TREEDE R-D, MEIER W, KUNZE K, BROMM B: Ultralate cerebral potentials as correlates of delayed pain perception: observations in a case of neurosyphilis, 1330
TREMOR
and dystonia induced by peripheral trauma: predisposing factors, 1512
and stability in the fingers: cerebellar hemisphere and cerebellar tract lesions in man, 1558

finger: frontoparietal lesions, 1411
postural and kinetic: visual and mechanical control in cerebellar system disorders, 934
TREMOR, ESSENTIAL
and Parkinson's disease in families of patients with early onset Parkinson's disease, 429
cured by infarction adjacent to thalamus, (L) 591
propranolol and propranolol LA: double-blind comparative study, 379
TREMOR, REST
associated with exposure to Monensin, (L) 729
TRIMBLE MR: Biological Psychiatry, (R) (1988) 1601
TRIMBLE MR. *See* DUNCAN JS, 924
TROIANO R, DEVEREUX C, OLESKE J, DENNY T, HAPSTEIN M, ZITO G, ROHOWSKI-KOCHAN C, DOWLING PC, COOK SD: T cell subsets and disease progression after total lymphoid irradiation in chronic progressive multiple sclerosis, 980
TROJABORG W. *See* JENSEN TS, 1308
TRONTELJ JV, KHURAIBET A, MIHELIN M: The jitter in stimulated orbicularis oculi muscle: technique and normal values, 814
TRONTELJ JV, ZIDAR J, DENISLIC M, VODUSEK DB, MIHELIN M: Facioscapulohumeral dystrophy: jitter in facial muscles, 950
TSERPE V. *See* KONTAXAKIS V, 1001
TSUBOKAWA T. *See* KATAYAMA Y, 50
TSUKAGOSHI H. *See* YAMADA M, 452, 1088
TURNBULL DM. *See* BINDOFF LA, 1242
TURNER A. *See* KAPUR N, 579
TURNER AJ, BACHELARD HS, eds: Neurochemistry: a Practical Approach, (R) (1987) 324
TYROSINE HYDROXYLASE
in adrenal medulla from Parkinsonian patients, (L) 1104
TYRELL P, ROSSOR M: The association of gegenhalten in the upper limbs with dyspraxia, 995

UDESEN H. *See* ANDERSEN EB, 1208
UENO S. *See* KAJIYAMA K, 1078
UGAWA Y, KOHARA N, SHIMPO T, MANNEN T: Central motor and sensory conduction in adrenoleukomyeloneuropathy, cerebrotendinous xanthomatosis, HTLV-I associated myelopathy and tabes dorsalis, 1069
UGAWA Y. *See* SHIMPO T, 1462
UITDEHAAG BMJ. *See* LAMERS KJB, 1334
ULNAR NERVE
compressive mononeuropathy of deep palmar branch in cyclists, 1588
UMEZAKI H. *See* NODA S, 582, 728
URICH H. *See* ROSS GW, 1231
URINARY INCONTINENCE
in normal pressure hydrocephalus: outcome of shunt operation predicted by lumbar puncture, 105
USHER'S SYNDROME
with mental disorder: CNS changes, 987

VAGLIA A. *See* PIETRINI V, 1284
VALAVANIS A, SCHUBIGER O, NAIDICH TP: Clinical imaging of the Cerebello-Pontine Angle, (R) (1987) 1111
VALLAR G, PERANI D, CAPPA SF, MESSA C, LENZI GL, FAZIO F: Recovery from aphasia and neglect after subcortical stroke: neuropsychological and cerebral perfusion study, 1269
VANCE D. *See* BLUMENTHAL H, 729
VAN DE WETERING BJM. *See* BOLLEN EL, 1081
VAN DE WETERING BJM. *See* VAN WOERKOM TCAM, 630
VAN DER LINDEN C. *See* JANKOVIC J, 1512
VAN DER MECHE FGA, MEULSTEE J: Guillain-Barré syndrome: a model of random conduction block, 1158
VAN DER MEER FJM. *See* HAAN J, 1219
VAN DER MERWE CA. *See* GLEDHILL RF, 301
VAN DER MOST VAN SPIJK D. *See* DE KONING P, 403
VAN DER SANDE JJ. *See* BOOGERD W, 142, 1277
VAN DER VLIET AM. *See* RWIZA HT, 1003
VAN DER WERF AJM. *See* SCHIEVINK WI, 883
VAN DER WILDT GJ. *See* BULENS C, 1323
VAN DER WINDT C, VAN GIJN J: Cerebral infarction does not occur typically at night, 109
VAN DONGEN KJ. *See* WIJDICKS EFM, 516
VAN DUIJN H. *See* TAPHOORN MJB, 880
VAN ERVEN PMM, GABREELS FJM, RUITENBEEK W, RENIER WO, TER LAAK HJ, STADHOUDERS AM: A mitochondrial encephalomyopathy with a partial cytochrome *c* oxidase deficiency of muscle, 704
VAN GEEL WJA. *See* LAMERS KJB, 1334
VAN GIJN J. *See* VAN DER WINDT C, 109
VAN GIJN J. *See* WIJDICKS EFM, 516
VAN HEERDE P. *See* BOOGERD W, 142
VAN HEES J. *See* ROBBERECHT W, 563
VAN HUFFELEN AC. *See* DE KONING P, 403
VAN LEEUWEN RB, PERQUIN WVM: Bromocriptine therapy in striatonigral degeneration, (L) 592
VANNESTE JAL, AUGUSTIJN PB, STAM FC: The rigid spine syndrome in two sisters, 131
VAN NIEKERK MM. *See* GLEDHILL RF, 301
VAN RIJCKEVORSEL-HARMANT K. *See* GHILAIN S, 732
VAN WOERKOM TCAM, FORTGENS C, VAN DE WETERING BJM, MARTENS CMC: Contigent negative variation in adults with Gilles de la Tourette syndrome, 630
VAN WOERKOM TCAM. *See* BOLLEN EL, 1081
VASCULAR DISEASE
in multiple sclerosis, 260
VASOPRESSIN
alterations in regulation in Alzheimer's disease, 903
inhibition of secretion during migraine, 1441
VAUGHAN CW, NEILSON PD, O'DWYER NJ: Motor control deficits of orofacial muscles in cerebral palsy, 534
VECHT CH.J, EIKENBOOM WMH, BAARSMA GS, POLAK BCP: Transient uniocular visual loss in association with intraorbital tumours, (MA) 467
VEDRENNE C. *See* GASNAULT J, 422
VEJJAJIVA A. *See* SCHUMUTZHARD E, 80
VENERONI G. *See* ZAFFARONI M, 1465
VENOUS THROMBOSIS. *See* CEREBRAL VENOUS THROMBOSIS
VENTRICLES. *See* CEREBRAL VENTRICLES
VERDUGO R. *See* CARTIER L, 316
VERMA NP. *See* HAKIM H, 839
VERMEULEN M. *See* WIJDICKS EFM, 516
VESSEY M. *See* BAMFORD JM, 1373
VIBRATION THRESHOLDS
evaluation in newly diagnosed Type I diabetes, 1420
VIGABATRIN (gamma-vinyl GABA)
effect of CSF amino acid levels in epilepsy, 1395
VIINIKKA L. *See* SULKAVA R, 549
VILKKI J, POROPUDAS K, SERVO A: Memory disorder related to coma duration after head injury, 1452
VINCENT A. *See* CHIU H-C, 214
VISUAL FAILURE
caused by intracranial hypertension in cryptococcus meningitis, 944
VISUAL HEMISPATIAL INATTENTION
stimulus parameters and exploratory strategies, 1481
VISUAL INVERSION
complete, in vertebrobasilar ischaemic disease, (L) 1236
VISUAL LOSS
transient uniocular, in association with intraorbital tumours, (MA) 467
VISUAL PATHWAYS
anterior: sarcoidosis, 1473
VITAL C, VALLAT J-M: Ultrastructural Study of the Human Diseased Peripheral Nerve 2nd ed, (R) (1987) 1604

VITAMIN E DEFICIENCY
lumbar and somatosensory evoked potentials in rats, 432
VOCK P, MATTLE H, STUDER M, MUMEMTHALER M: Lumbosacral plexus lesions: correlation of clinical signs and computed tomography, 72
VODUSEK DB. *See* TRONTELJ JV, 950
VOLK B. *See* KOHLER J, 281
VOMITING
ictal manifestation of epileptic seizures and syndromes, 1448
VOWLES G. *See* SWASH M, 785
VROOM TH M. *See* BOOGERD W, 142

WACKYM PA, FEUERMAN T, GADE GF, DUBROW TJ: Ependymal cyst of the spinal cord presenting with acute paraplegia, (L) 885
WADA Y. *See* YAMADA M, 1088
WADDINGTON JL. *See* YOUSSEF, HA, 863
WADE DT, WOOD VA, LANGTON HEWER R: Recovery of cognitive function soon after stroke: a study of visual neglect, attention span and verbal recall, 10
WADE DT. *See* BAMFORD JM, 1373
WADE J, KNEZEVIC S, MAXIMILIAN VA, MUBRIN Z, PROHOVNIK I, eds: Impact of Functional Imaging in Neurology and Psychiatry (*Current Problems in Neurology Vol 5*), (R) (1987) 1111
WALE J. *See* CARR V, 1531
WALES, SOUTH EAST
prevalence of multiple sclerosis, 1520
WALKER FO. *See* DONOFRIO PD, 1097
WALLESCH C-W, FEHRENBACH RA: On the neurolinguistic nature of language abnormalities in Huntington's disease, 367
WALSH FS, MOORE SE, DICKSON JG: Expression of membrane antigens in myotonic dystrophy, 136
WALTON J: Introduction to Clinical Neuroscience 2nd ed, (R) (1987) 1246
WALTON J. *See* TAYLOR DJ, 1425
WANG C. *See* WOO E, 1302
WARD CD: Transient feelings of compulsion caused by hemispheric lesions: three cases, 266
WARDLAW D. *See* MILLS KLG, 450
WARLOW CP, GARFIELD J. eds: More Dilemmas in the Management of the Neurological Patient, (R) (1987) 743
WARLOW CP. *See* BAMFORD JM, 1373
WARLOW CP. *See* ZEMAN A, 458
WARNER R: Recovery from Schizophrenia: Psychiatry and Political Economy, (R) (1987) 601
WARREN FA. *See* KUPERSMITH MJ, 1381
WARTENBERG PENDULUM TEST
applicability to healthy, elderly subjects, 1171
in elderly stroke and Parkinsonian patients, 1178
WATKINS RPF. *See* WINER JB, 613
WEINBERGER DR, BERMAN KF, IADAROLA M, DRIESEN N, ZEC RF: Prefrontal cortical blood flow and cognitive function in Huntington's disease, 94
WEINBERGER DR. *See* ILLOWSKY BP, 209
WEINER WJ. *See* FACTOR SA, 529
WEINER WJ. *See* LEVIN EE, 1401
WEINTRAUB S, MESULAM MM: Visual hemispatial inattention: stimulus parameters and exploratory strategies, 1481
WEIR B: Aneurysms Affecting the Nervous System, (R) (1987) 1013
WEISE V. *See* POLINSKY RJ, 67
WELKOWITZ J. *See* BOROD JC, 826
WELLS JCD. *See* CHAN AW, 688
WELLS PE, FRAMTON V, BOWSHER D, eds: Pain: Management and Control in Physiotherapy, (R) (1987) 1602
WERNICKE-KORSAKOFF DISEASE
akinetic mutism: case report, (L) 588
WEVERS RA. *See* LAMERS KJB, 1334
WHATLEY SA. *See* PERRETT CW, 325
WHIPPLE'S DISEASE
recovery from bilateral wrist-drop, (L) 152
WHITE AH, ROTHMAN RR, RAY CD, eds: Lumbar Spine Surgery: Techniques and Complications, (R) (1987) 604
WHITE B. *See* COOPER TJ, 152
WHITE JE. *See* BATEMAN DE, 699
WHITMAN S. *See* HERMANN BP, 203
WIEDMANN KD. *See* GILLHAM RA, 929
WIEDMANN KD. *See* WILSON JTL, 391
WIENEKE GH. *See* DE KONING P, 403
WIESER H-G, ed: Presurgical Evaluation of Epileptics, (R) (1987) 1469
WIJDICKS EFM, VAN DONGEN KJ, VAN GIJN J, HIJDRA A, VERMEULEN M: Enlargement of the third ventricle and hyponatraemia in aneurysmal subarachnoid haemorrhage, 516
WIKKELSO C. *See* AHLBERG J, 105
WILCOCK GK, ESIRI MM, BOWEN DM, HUGHES AF: The differential involvement of subcortical nuclei in senile dementia of Alzheimer, type, 842
WILES CM. *See* FISH DR, 714
WILL RG, LEES AJ, GIBB W, BARNARD RO: A case of progressive subcortical gliosis presenting clinically as Steele-Richardson-Olszewski syndrome, 1224
WILL RG. *See* HARRIES-JONES R, 1113
WILLCOX N. *See* CHIU H-C, 214
WILLENWEBER R, KLINGER M, BROCK M, eds: Regulation of Cerebral Blood Flow and Metabolism: Neurosurgical Treatment of Epilepsy: Rehabilitation in Neurosurgery (*Advances in Neurosurgery Vol 15*), (R) (1987) 602
WILLIAMS AC, OWEN C, HEATH DA: A compulsive movement disorder with cavitation of caudate nucleus, (L) 447
WILLIAMS AC. *See* WOOD N, 731
WILLIAMS B: Arachnoid cysts of the middle fossa and subdural haematoma, (MA) 467
WILLMES K. *See* RINGELSTEIN EB, 1051
WILSON J. *See* KRISS A, 1253
WILSON JTL, WIEDMANN KD, HADLEY DM, CONDON B, TEASDALE G, BROOKS DN: Early and late magnetic resonance imaging and neuropsychological outcome after head injury, 391
WILSON-PAUWELS L, JAKESSON E, STEWART PA: Cranial Nerves: Anatomy and Clinical Comments, (R) (1988) 1370
WILSON'S DISEASE
effect of D-penicillamine on brain metabolism, 947
neurological malignant syndrome, (L) 1001
WINER JB, GRAY IA, GREGSON NA, HUGHES RAC, LEIBOWITZ S, SHEPHERD P, TAYLOR WA, YEWDALL V: A prospective study of acute idiopathic neuropathy. III. Immunological studies, 619
WINER JB, HUGHES RAC, ANDERSON MJ, JONES DM, KANGRO H, WATKINS RPF: A prospective study of acute idiopathic neuropathy. II. Antecedent events, 613
WINER JB, HUGHES RAC, OSMOND C: A prospective study of acute idiopathic neuropathy. I. Clinical features and their prognostic value, 605
WINTZEN AR, BOTS GTH AM, DE BAKKER HM, HULSHOF JH, PADBERG DW: Dysphagia in inclusion body myositis, 1542
WINTZEN AR. *See* HAAN J, 1219
WOLF P, DAM M, JANZ D, DREIFUSS FR, eds: The XVIth Epilepsy International Symposium (*Advances in Epileptology, Vol 10*), (R) (1987) 322
WOLF S. *See* RINGELSTEIN EB, 1051
WOLTERS ECH. *See* TAPHOORN MJB, 880
WONG D. *See* STARKSTEIN SE, 1259
WOO E, HUANG CY, CHAN V, CHAN TW, YU YL, CHAN TK: Beta-

thromboglobulin in cerebral infarction, 557
WOO E, LAM K, YU YL, MA J, WANG C, YEUNG RTT: Temporal lobe and hypothalamic-pituitary dysfunctions after radiotherapy for nasopharyngeal carcinoma: a distinct clinical syndrome, 1302
WOO E. *See* HAWKINS BR, 443
WOO E. *See* HUANG CY, 509
WOOD JH, ed: Cerebral Blood Flow, (R) (1987) 1112
WOOD N, PALL HS, WILLIAMS AC, DIEPPE C: Extrapyramidal reactions to anti-inflammatory drugs, (L) 731
WOOD RLI: Brain Injury Rehabilitation: a Neurobehavioural Approach, (R) (1987) 163
WOOD VA. *See* WADE DT, 10
WORLD FEDERATION OF NEUROSURGICAL SOCIETIES universal subarachnoid haemorrhage scale, (L) 1457
WORRINGHAM CJ. *See* STELMACH GE, 223
WRIGHT C. *See* CHARLTON BG, 719
WRIGHT CE. *See* HAMON CGB, 314
WRIGHT DJM. *See* BATEMAN DE, 699
WRIST-DROP
bilateral: recovery in Whipple's disease, (L) 152
WYCHRIJ O. *See* HAMON CGB, 314
WYLER AR. *See* HERMANN BP, 203
WYTCH R. *See* MILLS KLG, 450

XANTHOCHROMIA
diagnosis of subarachnoid haemorrhage, 342
XANTHOMATOSIS. *See* CEREBROTENDINOUS XANTHOMATOSIS
XENON-133 INTRAVENOUS INJECTION
measurement of CO_2 reactivity: cerebral haemodynamic reserve, 1045

YAGISHITA S. *See* ISEKI E, 1084
YAKOVLEFF A. *See* CHAPELLE PA, 197
YAMADA M, KANO M, CHIDA K, FURUKAWA T, TSUKAGOSHI H: Asymptomatic benign familial spinal muscular atrophy with hypertrophy of the calves and high creatine kinase levels, (L) 452
YAMADA M, WADA Y, TSUKAGOSHI H, OTOMO E-I, HAYAKAWA M: A quantitative Golgi study of basal dendrites of hippocampal CA1 pyramidal cells in senile dementia of Alzheimer type, 1088
YAMADA T. *See* HATTORI T, 1572
YAMAMOTO K. *See* NODA S, 582, 728
YAMAMOTO T. *See* KATAYAMA Y, 50
YASARGIL MG, CURCIC M, KIS M, TEDDY PJ, VALAVANIS A: Microneurosurgery Vol IIIB: AVM of the Brain . . ., (R) (1988) 1367
YEE WC, HAHN AF, GILBERT JJ: Adult onset scapuloperoneal myopathy: diagnostic value of nerve morphometry and multiple muscle biopsies, 808
YEUNG RTT. *See* WOO E, 1302
YEWDALL V. *See* WINER JB, 619
YIANNIKAS C, SHAHANI BT: The origins of lumbosacral spinal evoked potentials in humans using a surface electrode recording technique, 499
YORIFUJI S. *See* KAJIYAMA K, 1078
YORKSTON KM, ed: Clinical Management of Dysarthric Speakers, (R) (1987) 1467
YOSHITAKE Y. *See* SHIGEMORI M, 451
YOUNG EP. *See* HARDIE RJ, 446
YOUNG ID. *See* ROBINSON IC, 1576
YOUNG SW: Magnetic Resonance Imaging: Basic Principles 2nd ed, (R) (1987) 1246
YOUSSEF HA, WADDINGTON JL: Involuntary orofacial movements in hospitalised patients with mental handicap or epilepsy: relationship to developmental/intellectual deficit and presence or absence of long-term exposure to neuroleptics, 863
YU YL. *See* HAWKINS BR, 443
YU YL. *See* HUANG CY, 509
YU YL. *See* WOO E, 557, 1302
YU-HUAN H, SI-SHUNG W: Fluoride in cerebrospinal fluid of patients with fluorosis, 1591
YUTANI C. *See* OGATA J, 646

ZAFFARONI M, DI FALCO M, GHEZZI A, VENERONI G, MARFORIO S: HLA typing and T-cell subpopulations in multiple sclerosis, (MA) 1465
ZATTARA M, BOUISSET S: Posturo-kinetic organisation during the early phase of voluntary upper limb movement. I. Normal subjects, 956
ZEC RF. *See* WEINBERGER DR, 94
ZEMAN A, BAMFORD JM, WARLOW CP, MITCHELL RG: Listeria encephalitis with intermittent symptoms and serological diagnosis, (L) 458
ZIDAR J. *See* TRONTELJ JV, 950
ZIEGLER D, MAYER P, GRIES FA: Evaluation of thermal, pain, and vibration sensation thresholds in newly diagnosed Type I diabetic patients, 1420
ZITO G. *See* TROIANO R, 980
ZUMLA A, LIPSCOMB G, LEWIS D: Sixth cranial nerve palsy complicating psittacosis, (L) 1462
ZWARTS MJ, BEGEER JH, LE COULTRE R: Unexplained chronic subarachnoid bleeding and a slowly progressive neurological syndrome, (L) 148
ZWARTS MJ. *See* LINKS TP, 1142

Contents

No 1 JANUARY 1988 *Page*

Cortical auditory disorders: clinical and psychoacoustic features MARIO F MENDEZ, GEORGE R GEEHAN 1

Recovery of cognitive function soon after stroke: a study of usual neglect, attention span and verbal recall DERICK T WADE, VICTORINE A WOOD, RICHARD LANGTON HEWER 10

Learning and forgetting during posttraumatic amnesia in head injured patients HARVEY S LEVIN, WALTER M HIGH JNR., HOWARD M EISENBERG 14

Epidemiology of headache in the Republic of San Marino R D'ALESSANDRO, G BENASSI, P L LENZI, G GAMBERINI, T SACQUEGNA, P DE CAROLIS, E LUGARESI 21

Quantitative objective assessment of peripheral nociceptive C fibre function N PARKHOUSE, PAMELA M LE QUESNE 28

Sensory and pain threshold characteristics to laser stimuli LARS ARENDT-NIELSEN, PETER BJERRING 35

Argon laser induced single cortical responses: a new method to quantify pre-pain and pain perceptions PETER BJERRING, LARS ARENDT-NIELSEN 43

Corticospinal direct response in humans: identification of the motor cortex during intracranial surgery under general anaesthesia YOICHI KATAYAMA, TAKASHI TSUBOKAWA, SADAHIRO MAEJIMA, TERUYASU HIRAYAMA, TAKAMITSU YAMAMOTO 50

Evaluation of proximal facial nerve conduction by transcranial magnetic stimulation TN SCHRIEFER, KR MILLS, NMF MURRAY, CW HESS 60

Gastrin responses in patients with adrenergic insufficiency RJ POLINSKY, IL TAYLOR, V WEISE, IJ KOPIN 67

Lumbosacral plexus lesions: correlation of clinical signs and computed tomography PETER VOCK, HEINRICH MATTLE, MANFRED STUDER, MARCO MUMENTHALER 72

Eosinophilic meningitis and radiculomyelitis in Thailand, caused by CNS invasion of *Gnathostoma spinigerum* and *Angiostrongylus cantonensis* ERICH SCHMUTZHARD, PRASERT BOONGIRD, ATHASIT VEJJAJIVA 80

Effects of hypotension induced with sodium nitroprusside on the cerebral circulation before, and one week after, the subarachnoid injection of blood W FITCH, JD PICKARD, A TAMURA, DI GRAHAM 88

Prefrontal cortical blood flow and cognitive function in Huntington's disease DANIEL R WEINBERGER, KAREN FAITH BERMAN, MARY IADAROLA, NAOMI DRIESEN, RONALD F ZEC 94

SHORT REPORTS

Outcome of shunt operation on urinary incontinence in normal pressure hydrocephalus predicted by lumbar puncture J AHLBERG, L NORLÉN, C BLOMSTRAND, C WIKKELSÖ 105

Cerebral infarction does not occur typically at night C VAN DER WINDT, J VAN GIJN 109

Persistent denial of handicap after infarction of the right basal ganglia: a case study ALLAN HOUSE, JOHN HODGES 112

Manic delirium and frontal-like syndrome with paramedian infarction of the right thalamus JULIEN BOGOUSSLAVSKY, MARCO FERRAZZINI, FRANCO REGLI, GIL ASSAL, HIROTAKA TANABE, ANGELIKA DELALOYE-BISCHOF 116

A Creutzfeldt-Jakob like syndrome due to lithium toxicity SJM SMITH, RS KOCEN 120

Brain shrinkage in alcoholics is not caused by changes in hydration: a pathological study CLIVE G HARPER, JILLIAN J KRIL, JOHN M DALY 124

Comprehension as the effective trigger in a case of primary reading epilepsy LD KARTSOUNIS 128

The rigid spine syndrome in two sisters JAL VANNESTE, PB AUGUSTIJN, FC STAM 131

Expression of membrane antigens in myotonic dystrophy FRANK S WALSH, STEPHEN E MOORE, JOHN G DICKSON 136

Determination of activated lymphocytes in peripheral blood of patients with multiple sclerosis AD CROCKARD, TA MCNEILL, J MCKIRGAN, SA HAWKINS 139

CSF cytology versus immunocytochemistry in meningeal carcinomatosis W BOOGERD, Th M VROOM, P VAN HEERDE, G BRUTEL DE LA RIVIÈRE, JL PETERSE, JJ VAN DER SANDE 142

LETTER

Orbital frontal epilepsy: a case report A ROUGIER, P LOISEAU 146

Intermittent pyramidal claudication as presenting and sole symptom in multiple sclerosis MICHEL D FERRARI, PIETER HE HILKENS, BERRY KREMER, THEO W POLDER 147

Unexplained chronic subarachnoid bleeding and a slowly progressive neurological syndrome MJ ZWARTS, JH BEGEER, R LE COULTRE 148

Complete gaze palsy in pontine haemorrhage RO DOMINGUEZ, AM BRONSTEIN 150

Late onset posthemiplegic dystonia in systemic lupus erythematosus MICHAEL DARAS, THEODOROS GEORGAKOPOULOS, DEMETRIOS AVDELIDIS 151

Recovery from bilateral wrist-drop in Whipple's disease TJ COOPER, G BIRD, B WHITE, IT FERGUSON 152

Asymptomatic cardiac arrhythmias in periodic paralysis UBALDO BONUCCELLI, ANGELO NUTI, LUCA PAPERINI, MARIA GRAZIA BONGIORNI, ANTONINO ARRIGO, CARLO CONTINI, ALBERTO MURATORIO 154

Kluver-Bucy syndrome associated with delayed post-anoxic leucoencephalopathy following carbon monoxide poisoning THOMAS A SANDSON, RALPH B LILLY, MICHAEL SODKOL 156

MATTERS ARISING 157

BOOK REVIEWS 161

NOTICES 164

No 2 FEBRUARY 1988

Occasional Review

Preclinical and subclinical events in motor neuron disease MICHAEL SWASH, DAVID INGRAM 165

The value of accurate clinical assessment in the surgical management of lumbar disc protrusion RSC KERR, TA CADOUX-HUDSON, CBT ADAMS 169

Percutaneous electrical stimulation of lumbosacral roots in man A MAERTENS DE NOORDHOUT, JC ROTHWELL, PD THOMPSON, BL DAY, CD MARSDEN 174

Somatosensory evoked potentials following nerve and segmental stimulation do not confirm cervical radiculopathy with sensory deficit URS D SCHMID, CHRISTIAN W HESS, HANS-PETER LUDIN 182

Sensory conduction in medial and lateral plantar nerves SN PONSFORD 188

Marked depletion of dorsal spinal cord substance P and calcitonin gene-related peptide with intact skin flare responses in multiple system atrophy P ANAND, R BANNISTER, GP MCGREGOR, MA GHATEI, PK MULDERRY, SR BLOOM 192

Neurological correlations of ejaculation and testicular size in men with a complete spinal cord section PIERRE ANDRÉ CHAPELLE, AGNÈS ROBY-BRAMI, ANTON YAKOVLEFF, BERNARD BUSSEL 197

The neurological, psychosocial and demographic correlates of hypergraphia in patients with epilepsy BRUCE P HERMANN, STEVEN WHITMAN, ALLEN R WYLER, ET RICHEY, JADE DELL 203

Stability of CT scan findings in schizophrenia: results of an eight year follow-up study BARBARA P ILLOWSKY, DENISE M JULIANO, LLEWELLYN B BIGELOW, DANIEL R WEINBERGER 209

Immunoglobulin allotypes in caucasian and Chinese myasthenia gravis: differences from Japanese patients H-C CHIU, GG DE LANGE, N WILLCOX, A VINCENT, J NEWSOM-DAVIS, K-H HSIEH, T-P HUNG 214

"Alien hand" and loss of bimanual coordination after dominant anterior cerebral artery territory infarction AW MCNABB, WM CARROLL, FL MASTAGLIA 218

The control of bimanual aiming movements in Parkinson's disease GEORGE E STELMACH, CHARLES J WORRINGHAM 223

Postural adjustments associated with rapid voluntary arm movements. II Biomechanical analysis WG FRIEDLI, L COHEN, M HALLETT, S STANHOPE, SR SIMON 232

The effect of age of disease onset on neuropsychological performance in Parkinson's disease MARJA HIETANEN, HEIKKI TERÄVÄINEN 244

A new metabolic muscle disease due to abnormal hexokinase activity KR POULTON, S NIGHTINGALE 250

Metastatic carcinoma to glioma: a report of three cases with a critical review of the literature SVERRE J MÖRK, LUCIEN J RUBINSTEIN 256

Perivascular iron deposition and other vascular damage in multiple sclerosis CWM ADAMS 260

SHORT REPORTS

Transient feelings of compulsion caused by hemispheric lesions: three cases CHRISTOPHER D WARD 266

The variable clinical and CT findings after carotid occlusion: the role of collateral blood supply MJG HARRISON, JOHN MARSHALL 269

Contents

The frequency, characteristics and prognosis of epileptic seizures at the onset of stroke RA SHINTON, JS GILL, SC MELNICK, AK GUPTA, DG BEEVERS 273

Multiple sclerosis: correlation of magnetic resonance imaging with cerebrospinal fluid findings LAWRENCE S HONIG, RENUKA SIDDHARTHAN, WILLIAM A SHEREMATA, JJ SHELDON, ALAN SAZANT 277

Multiple sclerosis presenting as chronic atypical psychosis J KOHLER, H HEILMEYER, B VOLK 281

Methylprednisolone therapy in multiple sclerosis: a profile of adverse effects PR LYONS, PK NEWMAN, M SAUNDERS 285

Haemangiopericytic meningioma of the sacral canal: a case report LR BRIDGES, S ROCHE, L NASHEF, F CLIFFORD ROSE 288

Peripheral neuropathy associated with erythrophagocytic lymphohistiocytosis BERNARD BOUTIN, MARIE-CLAUDE ROUTON, FRANCIS ROCCHICCIOLI, MICHELE MAYER, GUY LEVERGER, OLIVIER ROBAIN, GERARD PONSOT, MICHEL ARTHUIS 291

Hereditary progressive chorea without dementia W SCHADY, RJ MEARA 295

Familial carnitine deficiency: further evidence for autosomal recessive transmission with variable expression ELI SHAHAR, NATAN BRAND, YEHUDA SHAPIRA, VARDA BARASH, ALIZA GUTMAN 298

Race-gender differences in serum creatine kinase activity: a study among South Africans RF GLEDHILL, CA VAN DER MERWE, M GREYLING, MM VAN NIEKERK 301

LETTERS

Cerebral infarction on CT scans in patients with transient ischaemic attacks relates to severity of angiographic disease at the carotid bifurcation MJG HARRISON, JOHN MARSHALL 305

Subarachnoid haemorrhage from spinal tumour (in the absence of spinal symptoms or signs) CP HAWKINS, JR HERON 305

Operculum syndrome from brain abscess in a left-hander JE COSNETT, M MOODLEY, PLA BILL, R BULLOCK 307

Serum prolactin evaluation after "minor" generalised seizures monitored by EEG L BILO, R MEO, S STRIANO .. 308

Nocardia asteroides infection of the cauda equina STEPHEN JD BRECKER, CHARLES D PUSEY 309

Motor entrapment neuropathies in the elderly R D'ALESSANDRO, G BENASSI, P MARTINELLI 311

Relapsing dermatomyositis associated with sarcoidosis Y HART, MS SCHWARTZ, F BRUCKNER, RO MCKERAN 311

Membranous glomerulonephritis and Grover disease with diverse neurological abnormalities; an immunological disorder due to poliovirus infection? K MATSUMURA, M SAKUTA, T IKARI, K JITSUKAWA 313

Visual evoked potentials and neopterin: biopterin ratios in urine show a high correlation in Alzheimer's disease CGB HAMON, RJ CATTELL, CE WRIGHT, O WYCHRIJ, JA BLAIR, GFA HARDING 314

Paradoxical reversal of ptosis in myasthenia gravis by edrophonium administration ATSUSHI KOMIYAMA, KEIZO HIRAYAMA 315

MATTERS ARISING 316

BOOK REVIEWS 319

NOTICE 324

No 3 MARCH 1988

Characterisation of messenger RNA extracted post-mortem from the brains of schizophrenic, depressed and control subjects CW PERRETT, RM MARCHBANKS, SA WHATLEY 325

CT-assisted stereotactic brain biopsy: value of intraoperative frozen section diagnosis HAROLD J COLBASSANI, SHUNJI NISHIO, KEVIN M SWEENEY, ROY AE BAKAY, YOSHIO TAKEI 332

Xanthochromia revisited: a re-evaluation of lumbar puncture and CT scanning in the diagnosis of subarachnoid haemorrhage A MACDONALD, AD MENDELOW 342

A cohort study of psychosurgery cases from a defined population ES HUSSAIN, HUGH FREEMAN, RAC JONES 345

Dementia of frontal lobe type D NEARY, JS SNOWDEN, B NORTHEN, P GOULDING 353

A study of facial expression in Parkinson's disease using a novel microcomputer-based method M KATSIKITIS, I PILOWSKY 362

On the neurolinguistic nature of language abnormalities in Huntington's disease CLAUS-W WALLESCH, ROSE A FEHRENBACH 367

Adrenal cortex hormones in male epileptic patients before and during a 2-year phenytoin treatment ZOFIA OSTROWSKA, BARBARA BUNTNER, DANTA ROŚCISZEWSKA, IRENA GUZ 374

Propranolol and propranolol-LA in essential tremor: a double blind comparative study LYNN CLEEVES, LESLIE J FINDLEY 379

Familial olivopontocerebellar atrophy with neonatal onset: a recessively inherited syndrome with systemic and biochemical abnormalities BRIAN N HARDING, DAVID B DUNGER, DAVID B GRANT, MAGDA ERDOHAZI 385

Early and late magnetic resonance imaging and neuropsychological outcome after head injury JTL WILSON, KD WIEDMANN, DM HADLEY, B CONDON, G TEASDALE, DN BROOKS 391

The tibialis anterior reflex in healthy subjects and in L5 radicular compression J STAM 397

Estimation of the number of motor units based on macro-EMG P DE KONING, GH WIENEKE, D VAN DER MOST VAN SPIJK, AC VAN HUFFELEN, WH GISPEN, FGI JENNEKENS 403

Histocompatibility antigens in multiple sclerosis patients participating in a multicentre trial of azathioprine. British and Dutch Multiple Sclerosis Azathioprine Trial Group 412

Clinicopathological study of neurological complications due to hypertensive disorders of pregnancy AMANDA RICHARDS, DAVID GRAHAM, ROSS BULLOCK 416

SHORT REPORTS

Cerebral astrocytoma in association with HIV infection J GASNAULT, FX ROUX, C VEDRENNE 422

Bell's palsy and HIV infection MM BROWN, A THOMPSON, BT GOH, GE FORSTER, M SWASH 425

Brain glucose metabolism in thalamic syndrome EC LATERRE, AG DE VOLDER, AM GOFFINET 427

Parkinson's disease and essential tremor in families of patients with early-onset Parkinson's disease REIJO J MARTTILA, URPO K RINNE 429

Lumbar and cortical somatosensory evoked potentials in rats with vitamin E deficiency MA GOSS-SAMPSON, A KRISS, JR MUDDLE, PK THOMAS, DPR MULLER 432

Abnormalities of autonomic function in the Lambert Eaton myasthenic syndrome JP HEATH, DJ EWING, RE CULL 436

Haptoglobin groups in motor neuron disease NILS FRÖHLANDER, LARS FORSGREN 440

No apparent association between HLA and multiple sclerosis in southern Chinese BR HAWKINS, YL YU, E WOO, CY HUANG 443

LETTERS

Hexosaminidase A deficiency presenting as juvenile progressive dystonia RJ HARDIE, EP YOUNG, JA MORGAN-HUGHES 446

A compulsive movement disorder with cavitation of caudate nucleus AC WILLIAMS, C OWEN, DA HEATH 447

New onset choreiform disorder in an adult with recent group A beta haemolytic streptococcal pharyngitis MARK FORREST GORDON 448

Rapid development of basal ganglia calcification caused by anoxia YASUO IWASAKI, MASAO KINOSHITA, KIYOSHI TAKAMIYA 449

An implant clamp for atlanto-axial fusion KLG MILLS, TR SCOTLAND, R WARDLAW, R WYTCH 450

Fusiform aneurysm of the proximal anterior cerebral artery MINORU SHIGEMORI, TOMOYUKI KAWABA, YASUHIRO YOSHITAKE, JUN MIYAGI, SHINKEN KURAMOTO 451

Asymptomatic benign familial spinal muscular atrophy with hypertrophy of the calves and high creative kinase levels MASAHITO YAMADA, MISAO KANO, KYOKO CHIDA, TETSUO FURUKAWA, HIROSHI TSUKAGOSHI 452

Reversible ataxia following chronic exposure to paradichlorobenzene I MIYAI, N HIRONO, M FUJITA, M KAMEYAMA 453

Negative hallucinations: an ictal phenomenon of partial complex seizures ROBERT KEEFOVER, ROBERT RINGEL, E PIERRE ROY, III 454

Herpes simplex type II encephalitis in a non-immunocompromised adult MK BAKER, MA SANDLER, RD BAYNES, S MILLER 455

Adult coeliac disease and brainstem encephalitis THOMAS BRÜCKE, HARALD KOLLEGGER, MANFRED SCHMIDBAUER, CHRISTIAN MÜLLER, IVO PODREKA, LÜDER DEECKE 456

Brain stem glioma mimicking progressive basilar artery thrombosis GL MORRIS, RL LEVINE, HA HARTMANN, PL EICHMAN 457

Listeria encephalitis with intermittent symptoms and serological diagnosis A ZEMAN, JM BAMFORD, CP WARLOW, RG MITCHELL 458

Proceedings of the Society of British Neurological Surgeons 460

Contents

MATTERS ARISING 467
BOOK REVIEWS 469
NOTICES 472

No 4 APRIL 1988

Sensory perineuritis WB MATTHEWS, MV SQUIER 473
Mortality in alcoholics with autonomic neuropathy RH JOHNSON, BJ ROBINSON 476
Pain intensity measurements in patients with acute pain receiving afferent stimulation ANDERS EKBLOM, PER HANSSON 481
Central motor conduction in multiple sclerosis: evaluation of abnormalities revealed by transcutaneous magnetic stimulation of the brain DA INGRAM, AJ THOMPSON, M SWASH 487
Pregnancy and multiple sclerosis JA FRITH, JG MCLEOD 495
The origins of lumbosacral spinal evoked potentials in humans using a surface electrode recording technique C YIANNIKAS, BT SHAHANI 499
Lacunar syndromes due to brainstem infarct and haemorrhage CY HUANG, E WOO, YL YU, FL CHAN 509
Enlargement of the third ventricle and hyponatraemia in aneurysmal subarachnoid haemorrhage EFM WIJDICKS, KJ VANDONGEN, J VANGIJN, A HIJDRA, M VERMEULEN 516
Reduction of ventricular size after shunting for normal pressure hydrocephalus related to CSF dynamics before shunting JTHJ TANS, DCJ POORTVLIET 521
Skull fracture as a risk factor of intracranial complications in minor head injuries: a prospective CT study in a series of 98 adult patients FRANCO SERVADEI, GABRIELE CIUCCI, FRANCESCO PAGANO, GIAN GIUSEPPE REBUCCI, MICHELE ARIANO, GIANCARLO PIAZZA, GIULIO GAIST 526
Parkinson's disease: an open label trial of pergolide in patients failing bromocriptine therapy STEWART A FACTOR, JUAN R SANCHEZ-RAMOS, WILLIAM J WEINER 529
Motor control deficits of orofacial muscles in cerebral palsy CHRISTOPHER W VAUGHAN, PETER D NEILSON, NICHOLAS J O'DWYER 534

SHORT REPORTS

The pedunculopontine nucleus in Parkinson's disease, progressive supranuclear palsy and Alzheimer's disease K JELLINGER 540
Brain acetylcholinesterase activity is markedly reduced in dominantly-inherited olivopontocerebellar atrophy STEPHEN J KISH, LAWRENCE SCHUT, JERRY SIMMONS, JOSEPH GILBERT, LI-JAN CHANG, MICHELLE REBBETOY 544
Cerebrospinal fluid neuron-specific enolase is decreased in multi-infarct dementia, but unchanged in Alzheimer's disease RAIMO SULKAVA, LASSE VIINIKKA, TIMO ERKINJUNTTI, RISTO ROINE 549
Aspartic acid aminotransferase activity is increased in actively spiking compared with non-spiking human epileptic cortex STEPHEN J KISH, LORI M DIXON, ALLAN L SHERWIN 552
Beta-thromboglobulin in cerebral infarction E WOO, CY HUANG, V CHAN, YW CHAN, YL YU, TK CHAN 557
Painful muscle spasms complicating algodystrophy: central or peripheral disease? W ROBBERECHT, J VAN HEES, H ADRIAENSEN, H CARTON 563
Spastic paresis: impaired spinal reflexes and intact motor programs W BERGER, GA HORSTMANN, V DIETZ 568
Somatosensory and acoustic brain stem reflex myoclonus HIROSHI SHIBASAKI, RYUSUKE KAKIGI, KEN-ICHIRO ODA, SHIN-ICHI MASUKAWA 572
Familial amyloidotic polyneuropathy without familial occurrence: carrier detection by the radioimmunoassay of variant transthyretin M TANAKA, S HIRAI, E MATSUBARA, K OKAMOTO, M MORIMATSU, M NAKAZATO 576
Reduplicative paramnesia: possible anatomical and neuropsychological mechanisms NARINDER KAPUR, ALAN TURNER, CHRISTOPHER KING 579
Reye-like syndrome following treatment with the pantothenic acid antagonist, calcium hopantenate S NODA, H UMEZAKI, K YAMAMOTO, T ARAKI, T MURAKAMI, N ISHII 582

LETTERS

Prolonged complex partial status epilepticus: a case report MA ROBERTS, PRD HUMPHREY 586
Akinetic mutism in Wernicke-Korsakoff disease: a case report MW MANN, JD DEGOS 588

Hemichorea and its denial in a case of caudate infarction diagnosed by magnetic resonance imaging MITSURU KAWAMURA, NOBUYOSHI TAKAHASHI, KEIZO HIRAYAMA 590

Essential tremor cured by infarction adjacent to the thalamus RODERICK DUNCAN, IAN BONE, IAN D MELVILLE .. 591

Bromocriptine-therapy in striatonigral degeneration RB VAN LEEUWEN, WVM PERQUIN 592

MATTERS ARISING 593

BOOK REVIEWS 598

No 5 MAY 1988

A prospective study of acute idiopathic neuropathy I. Clinical features and their prognostic value JB WINER, RAC HUGHES, C OSMOND 605

A prospective study of acute idiopathic neuropathy II. Antecedent events JB WINER, RAC HUGHES, MJ ANDERSON, DM JONES, H KANGRO, RPF WATKINS 613

A prospective study of acute idiopathic neuropathy III. Immunological studies JB WINER, IA GRAY, NA GREGSON, RAC HUGHES, S LEIBOWITZ, P SHEPHERD, WA TAYLOR, V YEWDALL 619

Specific imbalance of right and left sided motor neuron excitability in schizophrenia DAVID J GOODE, ALEXANDER A MANNING 626

Contingent negative variation in adults with Gilles de la Tourette syndrome TCAM VAN WOERKOM, C FORTGENS, BJM VAN DE WETERING, CMC MARTENS 630

Harlequin syndrome: the sudden onset of unilateral flushing and sweating JAMES W LANCE, PETER D DRUMMOND, SIMON C GANDEVIA, JOHN GL MORRIS 635

Effect of bromocriptine and metoclopramide on serum prolactin levels in patients with amyotrophic lateral sclerosis J SZULC-KUBERSKA, H STEPIEN, A KLIMEK, D CIESLAK 643

Primary brainstem death: a clinico-pathological study J OGATA, M IMAKITA, C YUTANI, S MIYAMOTO, H KIKUCHI 646

Experimental intracerebral haemorrhage: the effect of nimodipine pretreatment EJ SINAR, AD MENDELOW, DI GRAHAM, GM TEASDALE 651

Secondary bilateral synchrony in unilateral pial angiomatosis: successful surgical treatment JEAN-JACQUES CHEVRIE, NORMA SPECOLA, JEAN AICARDI 663

Short-term stability of single motor unit recordings in motor neuron disease: a macro EMG study RJ GUILOFF, H MODARRES-SADEGHI, E STALBERG, H ROGERS 671

Stimulation of motor tracts in multiple sclerosis A BERARDELLI, M INGHILLERI, G CRUCCU, M FORNARELLI, N ACCORNERO, M MANFREDI 677

The optimal recording electrode configuration for compound sensory action potentials EMMANUEL EDUARDO, DAVID BURKE 684

Does acute hyperglycaemia influence heat pain thresholds? AW CHAN, IA MACFARLANE, DR BOWSHER, JCD WELLS 688

Event-related potentials from closed head injury patients in an auditory "oddball" task: evidence of a dysfunction in stimulus categorisation MD RUGG, CP COWAN, ME NAGY, AD MILNER, I JACOBSON, DN BROOKS 691

SHORT REPORTS

The neurological complications of *Borrelia burgdorferi* in the New Forest area of Hampshire DE BATEMAN, NF LAWTON, JE WHITE, RJ GREENWOOD, DJM WRIGHT 699

A mitochondrial encephalomyopathy with a partial cytochrome *c* oxidase deficiency of muscle PMM VAN ERVEN, FJM GABREELS, W RUITENBEEK, WO RENIER, HJ TER LAAK, AM STADHOUDERS 704

Pseudohypoparathyroidism, Parkinsonism syndrome, with no basal ganglia calcification BRADLEY K EVANS, DIANE K DONLEY 709

Respiratory arrest: a complication of cerebellar ectopia in adults DR FISH, RS HOWARD, CM WILES, LINDSAY SIMON 714

Neurological deterioration after laminectomy for spondylotic cervical myeloradiculopathy: the putative role of spinal cord ischaemia GEORGE R CYBULSKI, CHARLES M D'ANGELO 717

Somatostatin content and receptors in the cerebral cortex of depressed and control subjects BRUCE G CHARLTON, ALAN LEAKE, CAROLYN WRIGHT, ANDREW F FAIRBAIRN, IAN G MCKEITH, JOHN M CANDY, I NICOL FERRIER 719

Anxiety and depression after mild head injury RUDOLF SCHOENHUBER, MASSIMO GENTILINI 722

The clinical spectrum of ocular bobbing and ocular dipping MARK F MEHLER 725

Contents

LETTERS

Chronic focal polymyositis SHOUSAKU NODA, HIROTOSHI UMEZAKI, HIROAKI ITOH, KENJI HIROMATSU 728

False positive diagnosis of a phaeochromocytoma in a patient with Parkinson's disease receiving levodopa NIALL QUINN, MALCOLM CARRUTHERS, JOHN DORMANDY 728

Rest tremor associated with exposure to Monensin HARVEY BLUMENTHAL, DWIGHT VANCE 729

Parkinsonian syndrome caused by a tumour of the left supplementary motor area A STRAUBE, K SIGEL 730

Extrapyramidal reactions to anti-inflammatory drugs N WOOD, HS PALL, AC WILLIAMS, C DIEPPE 731

Use of mefloquine in epileptic patients P JALLON 732

Midazolam in the treatment of epileptic seizures S GHILAIN, K VAN RIJCKEVORSEL-HARMANT, J HARMANT, TH DE BARSY 732

Proceedings of the Meeting of the Association of British Neurologists 5–7 November 1987 733

MATTERS ARISING 740

NOTICES 742

BOOK REVIEWS 743

No 6 JUNE 1988

OCCASIONAL REVIEW

The relevance of the Lewy body to the pathogenesis of idiopathic Parkinson's disease WRG GIBB, AJ LEES 745

Could Parkinson's disease follow intra-uterine influenza?: a speculative hypothesis CHRISTOPHER MATTOCK, MICHAEL MARMOT, GERALD STERN 753

Planning and spatial working memory in Parkinson's disease ROBIN G MORRIS, JOHN JOSEPH DOWNES, BARBARA J SAHAKIAN, JOHN L EVENDEN, ANDREW HEALD, TREVOR W ROBBINS 757

Blepharospasm: a review of 264 patients F GRANDAS, J ELSTON, N QUINN, CD MARSDEN 767

Madras pattern of motor neuron disease in South India M GOURIE-DEVI, TG SURESH 773

Comparison of sporadic and familial disease amongst 580 cases of motor neuron disease TING-MING LI, EVA ALBERMAN, MICHAEL SWASH 778

Selective and asymmetric vulnerability of corticospinal and spinocerebellar tracts in motor neuron disease M SWASH, CL SCHOLTZ, G VOWLES, DA INGRAM 785

Central motor conduction in degenerative ataxic disorders: a magnetic stimulation study D CLAUS, AE HARDING, CW HESS, KR MILLS, NMF MURRAY, PK THOMAS 790

Electrical stimulation of the motor tracts in cervical spondylosis G ABBRUZZESE, D DALL'AGATA, M MORENA, S SIMONETTI, L SPADAVECCHIA, P SEVERI, GC ANDRIOLI, E FAVALE 796

Stabilisation of the infected spine RM REDFERN, JOHN MILES, AJ BANKS, E DERVIN 803

Adult onset scapuloperoneal myopathy: diagnostic value of nerve morphometry and multiple muscle biopsies WC YEE, AF HAHN, JJ GILBERT 808

The jitter in stimulated orbicularis oculi muscle: technique and normal values JV TRONTELJ, A KHURAIBET, M MIHELIN 814

Occurrence and isotype of antibodies against peripheral nerve myelin in serum from patients with peripheral neuropathy and healthy controls MABEL CRUZ, JAN ERNERUDH, TOMAS OLSSON, BO HÖJEBERG, HANS LINK 820

Emotional and non-emotional facial behaviour in patients with unilateral brain damage JOAN C BOROD, ELISSA KOFF, MARJORIE PERLMAN LORCH, MARJORIE NICHOLAS, JOAN WELKOWITZ 826

The heterogeneity of social outcome following head injury DAVID DODWELL 833

Pathogenesis of reduplicative paramnesia HISHAM HAKIM, NARAYAN P VERMA, MANFRED F GREIFFENSTEIN 839

The differential involvement of subcortical nuclei in senile dementia of Alzheimer's type GK WILCOCK, MM ESIRI, DM BOWEN, AO HUGHES 842

SHORT REPORTS

Neuroleptic-induced Parkinson's syndrome: clinical features and results of treatment with levodopa RJ HARDIE, AJ LEES 850

Relationship of motor symptoms, intellectual impairment, and depression in Parkinson's disease STEVEN J HUBER, GEORGE W PAULSON, EDWIN C SHUTTLEWORTH 855

Dystonia in homocystinuria PA KEMPSTER, DP BRENTON, AN GALE, GM STERN 859

Involuntary orofacial movements in hospitalised patients with mental handicap or epilepsy: relationship to developmental/intellectual deficit and presence or absence of long-term exposure to neuroleptics HANAFY A YOUSSEF, JOHN L WADDINGTON 863

Memory loss from a subcortical white matter infarct CAROL A KOOISTRA, KENNETH M HEILMAN 866

Acute haemorrhagic leucoencephalitis with a prolonged clinical course CHIN-CHANG HUANG, NAI-SHIN CHU, TONG-JONG CHEN, CHENG-MEI SHAW 870

Seasonal variations in the incidence of photoparoxysmal response to stimulation among photosensitive epileptic patients: evidence from repeated EEG recordings MA DANESI 875

The value of routine CSF analysis during lumbar radiculography for low back pain RICHARD FITZGERALD, A MARK DAVIES 878

A neuromuscular transmission disorder: combined myasthenia gravis and Lambert Eaton syndrome in one patient: MJB TAPHOORN, H VAN DUIJN, E Ch WOLTERS 880

LETTERS

Intracranial aneurysm and HLA-DR2 WI SCHIEVINK, LP DE WAAL, LM HAGEMAN, AJM VAN DER WERF 883

Lateral gaze palsy due to giant aneurysm of the posterior fossa DW MORGAN, W HONAN 883

Ependymal cyst of the spinal cord presenting with acute paraplegia PHILLIP ASHLEY WACKYM, TONY FEUERMAN, GEORGE F GADE, TERRY J DUBROW 885

Abdominal muscle paralysis from herpes zoster RUSSELL H GLANTZ, RUZICA K RISTANOVIC 885

MATTERS ARISING 886

BOOK REVIEWS 889

NOTICE 892

No 7 JULY 1988

Leukocyte glutamate dehydrogenase activity in patients with degenerative neurological disorders D AUBBY, HK SAGGU, P JENNER, NP QUINN, AE HARDING, CD MARSDEN 893

Alterations in vasopressin regulation in Alzheimer's disease GUIDO NORBIATO, MAURIZIO BEVILACQUA, FRANCESCO CARELLA, ENRICA CHEBAT, UMBERTO RAGGI, PIERLUIGI BERTORA, MARIA PIA GRASSI, ALFONSO MANGONI 903

Does a "moderate" alcohol intake damage the brain? CLIVE HARPER, JILLIAN KRIL, JOHN DALY 909

Low lumbar CSF levels of homovanillic acid and 5-hydroxyindoleacetic acid in multiple system atrophy with autonomic failure RJ POLINSKY, RT BROWN, RS BURNS, J HARVEY-WHITE, IJ KOPIN 914

Botulinum toxin in spasmodic torticollis R STELL, PD THOMPSON, CD MARSDEN 920

Withdrawal symptoms from phenytoin, carbamazepine and sodium valproate JOHN S DUNCAN, SIMON D SHORVON, MICHAEL R TRIMBLE 924

Concentration-effect relationships with carbamazepine and its epoxide on psychomotor and cognitive function in epileptic patients RA GILLHAM, N WILLIAMS, K WIEDMANN, E BUTLER, JG LARKIN, MJ BRODIE 929

Visual and mechanical control of postural and kinetic tremor in cerebellar system disorders JEROME N SANES, PETER A LEWITT, KARL-HEINZ MAURITZ 934

Intracranial hypertension causing visual failure in cryptococcus meningitis CT TAN 944

Effect of D-penicillamine treatment on brain metabolism in Wilson's disease: a case study A DE VOLDER, CJM SINDIC, AM GOFFINET 947

Facioscapulohumeral dystrophy: jitter in facial muscles JV TRONTELJ, J ZIDAR, M DENIŠLIČ, DB VODUŠEK, M MIHELIN 950

Posturo-kinetic organisation during the early phase of voluntary upper limb movement. I Normal subjects M ZATTARA, S BOUISSET 956

Brainstem haematomas: review of the literature and presentation of five new cases JOHN R MANGIARDI, FRED J EPSTEIN 966

SHORT REPORTS

Immunocytochemical demonstration of human immunodeficiency virus infected cells in the cerebrospinal fluid ERWIN STARK, JUDITH HAAS, JEAN-PIERRE MALIN, ULRIKE BRUNKHORST 977

Contents

T cell subsets and disease progression after total lymphoid irradiation in chronic progressive multiple sclerosis R TROIANO, C DEVEREUX, J OLESKE, T DENNY, M HAFSTEIN, G ZITO, C ROHOWSKI-KOCHAN, PC DOWLING, SD COOK . 980

Spontaneous carotid cavernous fistula in Ehlers Danlos syndrome R FOX, FM POPE, P NARCISI, AC NICHOLLS, BE KENDALL, MD HOURIHAN, DAS COMPSTON 984

CNS changes in Usher's syndrome with mental disorder: CT, MRI and PET findings JUNZO KOIZUMI, KOJIRO OFUKU, KENICHI SAKUMA, HIROYASU SHIRAISHI, MASAAKI IIO, SHIGERU NAWANO 987

Giant axonal neuropathy: observations on a further patient MICHAEL DONAGHY, EM BRETT, IEC ORMEROD, RHM KING, PK THOMAS 991

The association of gegenhalten in the upper limbs with dyspraxia P TYRRELL, M ROSSOR 995

LETTERS

Polymicrobial central nervous system infection in the acquired immunodeficiency syndrome AD SPERBER, M ALKAN, S STEMMER, L AVNON, F SCHLAEFFER 998

Magnetic resonance imaging in an HTLV-I antibody positive patient with tropical spastic paraparesis LOUISA KREEGER, MICHAEL GROSS, ERIC NIEMAN 999

Parkinsonism as first manifestation of lymphomatoid granulomatosis C OLIVERAS, L D'OLHABERRIAGUE, J GARCIA, X MATIAS-GUIU 999

Neuroleptic malignant syndrome in a patient with Wilson's disease V KONTAXAKIS, C STEFANIS, M MARKIDIS, V TSERPE 1001

Brain death and pinpoint pupils RAINER FOGELHOLM, RAILI LARU-SOMPA 1002

Acute dystonic reaction with asterixis and myoclonus following metoclopramide therapy CHIN-SONG LU, NAI-SHIN CHU 1002

Bilateral spontaneous carotid-cavernous fistulas, associated with systemic hypertension and generalised arteriosclerosis: a case report HT RWIZA, AM VAN DER VLIET, A KEYSER, HOM THIJSSEN, JL MERX, HFCM BRANDS 1003

Subdural and intraventricular tension pneumocephalus after transsphenoidal operation RENATO CANDRINA, GIUSEPPE GALLI, ANGELO BOLLATI 1005

When and on what to operate in multiple cerebral cysticercosis cysts? RICARDO RAMINA, WALTER D ARRUDA, MONICA KF PAROLIN, ANTONIO CF PRESTES 1006

Cervical intradural disc protrusion AP PARNELL 1007

Loss of unilateral eye closure and right parietal lesion CATHERINE BELIN, JACQUES LARMANDE, BERTRAND GAYMARD, PIERRE LARMANDE 1008

Disappointing results of increasing benzodiazepine dose after the development of anticonvulsant tolerance JRM HAIGH, JP GENT, JC GARRATT, T PULLAR, M FEELY 1008

MATTERS ARISING 1009

BOOK REVIEWS 1012

NOTICES 1016

No 8 AUGUST 1988

Neurological syndromes of brucellosis M BAHEMUKA, A RAHMAN SHEMENA, CP PANAYIOTOPOULOS, AK AL-ASKA, TAHIR OBEID, AK DAIF 1017

Limb pain in migraine and cluster headache RJ GUILOFF, M FRUNS 1022

Does acute intraoral pain alter cutaneous sensibility? PER HANSSON, ANDERS EKBLOM, ULF LINDBLOM, PAOLO MARCHETTINI 1032

Accuracy of the clinical diagnosis of vascular dementia: a prospective clinical and post-mortem neuropathological study T ERKINJUNTTI, M HALTIA, J PALO, R SULKAVA, A PAETAU 1037

Assessment of cerebral haemodynamic reserve: correlation between PET parameters and CO_2 reactivity measured by the intravenous ^{133}xenon injection technique SIGRID HEROLD, MARTIN M BROWN, RSJ FRACKOWIAK, AO MANSFIELD, DJ THOMAS, J MARSHALL 1045

Effects of enzymatic blood defibrination in subcortical arteriosclerotic encephalopathy EB RINGELSTEIN, A MAUCKNER, R SCHNEIDER, W STURM, W DOERING, S WOLF. N MAURIN, K WILLMES, M SCHLENKER, H BRÜCKMANN, V ESCHENFELDER 1051

Quantitative assessment of blood-brain barrier permeability in multiple sclerosis using 68-Ga-EDTA and positron emission tomography C POZZILLI, S BERNARDI, L MANSI, P PICOZZI, F IANNOTTI, B ALFANO, L BOZZAO, GL LENZI, M SALVATORE, P CONFORTI, C FIESCHI 1058

Anti-HIV antibodies in the CSF of AIDS patients: a serological and immunoblotting study KS-S BUKASA, CJM SINDIC, M BODEUS, G BURTONBOY, C LATERRE, J SONNET 1063

Central motor and sensory conduction in adrenoleukomyeloneuropathy, cerebrotendinous xanthomatosis, HTLV-1- associated myelopathy and tabes dorsalis YOSHIKAZU UGAWA, NOBUO KOHARA, TOMOYUKI SHIMPO, TORU MANNEN 1069

SHORT REPORTS

Restriction endonuclease analysis of leukocyte mitochondrial DNA in Leber's optic atrophy IJ HOLT, DH MILLER, AE HARDING 1075

Decreased glutamate dehydrogenase protein in spinocerebellar degeneration K KAJIYAMA, S UENO, T TATSUMI, S YORIFUJI, M TAKAHASHI, S TARUI 1078

Oculomotor control in Gilles de la Tourette syndrome EL BOLLEN, RAC ROOS, AP COHEN, RB MINDERAA, JPH REULEN, BJM VAN DE WETERING, TCAM VAN WOERKOM, OJS BURUMA 1081

Two necropsy cases of chronic encephalomyelitis: variants of Neuro-Behcet's syndrome? EIZO ISEKI, KIYOSHI IWABUCHI, SABURO YAGISHITA, NAOJI AMANO, MASAAKI MATSUSHITA 1084

A quantitative Golgi study of basal dendrites of hippocampal CA1 pyramidal cells in senile dementia of Alzheimer type MASAHITO YAMADA, YOSHIAKI WADA, HIROSHI TSUKAGOSHI, EI-ICHI OTOMO, MICHIO HAYAKAWA 1088

Congenital spinal cord haemangioblastoma: another cause of spinal cord section syndrome in the newborn M ROIG, M BALLESCA, C NAVARRO, A ORTEGA, R MARTORELL, A FINA 1091

Multimodality evoked potentials in HTLV-I associated myelopathy RYUSUKE KAKIGI, HIROSHI SHIBASAKI, YASUO KURODA, CHIYOKO ENDO, KEN-ICHIRO ODA, AKIO IKEDA, KAZUHITO HASHIMOTO 1094

Tabes dorsalis: electrodiagnostic features PETER D DONOFRIO, FRANCIS O WALKER 1097

The ontogeny of 3,4-dihydroxyphenylacetic acid in human cerebrospinal fluid GM ANDERSON, MA RIDDLE, EL HODER, FC FEIBEL, BA SHAYWITZ, DJ COHEN 1100

LETTERS

Factors affecting language recovery in aphasic stroke patients receiving speech therapy WENDY LENDREM, ELIZABETH MCGUIRK, NADINA B LINCOLN 1103

Noradrenaline, adrenaline and tyrosine hydroxylase in adrenal medulla from Parkinsonian patients P CERVERA, O RASCOL, A PLOSKA, G GAILLARD, R RAISMAN, C DUYCKAERTS, JJ HAUW, D SCHERMAN, JL MONTASTRUC, F JAVOY-AGID, Y AGID 1104

Delayed somatosensory evoked potentials in pernicious anaemia with intact peripheral nerves JPR DICK, JC SMAJE, P CRAWFORD, RJ MEARA, DI SHEPHERD 1105

Polyneuropathy cranialis following cervical epidural anaesthesia GRAEME J HANKEY, DAVID PERLMAN 1106

Myokymia in motor neuron disease DOUGLAS J LANSKA, ROBERT L RUFF 1107

Methylprednisolone in multiple sclerosis: a comparative dose study L BINDOFF, PR LYONS, PK NEWMAN, M SAUNDERS 1108

Neuroleptic malignant syndrome due to sulpiride KENICHI KASHIHARA, KOICHI ISHIDA 1109

MATTERS ARISING 1110

BOOK REVIEWS 1111

No 9 SEPTEMBER 1988

Creutzfeldt-Jakob disease in England and Wales, 1980–1984: a case-control study of potential risk factors R HARRIES-JONES, R KNIGHT, RG WILL, S COUSENS, PG SMITH, WB MATTHEWS 1113

Auditory long latency event-related potentials in Alzheimer's disease and multi-infarct dementia RYUJI NESHIGE, GEOFF BARRETT, HIROSHI SHIBASAKI 1120

Granulomatous angiitis of the central nervous system: protean manifestations and response to treatment EDWARD H KOO, E WAYNE MASSEY 1126

Contents

Physiological characterisation of the "warm up" effect of activity in patients with myotonic dystrophy RG COOPER, MJ STOKES, RHT EDWARDS 1134

Improvement of muscle strength in familial hypokalaemic periodic paralysis with acetazolamide THERA P LINKS, MACHIEL J ZWARTS, HANS JGH OOSTERHUIS 1142

Subacute administration of a TRH analogue (RX77368) in motorneuron disease: an open study H MODARRES-SADEGHI, H ROGERS, J EMAMI, RJ GUILOFF 1146

Guillain-Barré syndrome: a model of random conduction block FGA VAN DER MECHÉ, J MEULSTEE 1158

The conduction velocities of peripheral nerve fibres conveying sensations of warming and cooling CLARE J FOWLER, K SITZOGLOU, Z ALI, PÄIVI HALONEN 1164

Observations on the applicability of the Wartenburg pendulum test to healthy, elderly subjects RA BROWN, DOROTHY A LAWSON, GC LESLIE, NJ PART 1171

Does the Wartenberg pendulum test differentiate quantitatively between spasticity and rigidity? A study in elderly stroke and Parkinsonian patients RA BROWN, DOROTHY A LAWSON, GC LESLIE, ALISON MACARTHUR, WJ MACLENNAN, MARION ET MCMURDO, WJ MUTCH, NJ PART 1178

Peripheral blood lymphocyte phenotype and function in multiple sclerosis PJ HUGHES, DAS COMPSTON 1187

CSF gradients for amino acid neurotransmitters PM CRAWFORD, KG LLOYD, DW CHADWICK 1193

Progressive language impairment without dementia: a case with isolated category specific semantic defect ANNA BASSO, ERMINIO CAPITANI, MARCELLA LAIACONA 1201

Conservatively treated patients with cerebral arteriovenous malformation: mental and physical outcome ERLING BO ANDERSEN, JØRGEN PETERSEN, ERIK LYKKE MORTENSEN, HANNE UDESEN 1208

SHORT REPORTS

Trial of ganglioside GM1 in acute stroke BI HOFFBRAND, PJ BINGLEY, SM OPPENHEIMER, CD SHELDON 1213

Borrelia burgdorferi antibodies in patients with relapsing/remitting form and chronic progressive form of multiple sclerosis ERICH SCHMUTZHARD, PETER POHL, GEROLD STANEK 1215

Cerebral venous thrombosis as presenting sign of myeloproliferative disorders J HAAN, JFV CAEKEBEKE, FJM VAN DER MEER, AR WINTZEN 1219

Hand contractures in Parkinson's disease T KYRIAKIDES, R LANGTON HEWER 1221

A case of progressive subcortical gliosis presenting clinically as Steele-Richardson-Olszewski syndrome RG WILL, AJ LEES, W GIBB, RO BARNARD 1224

Familial autoimmune myasthenia gravis with different pathogenetic antibodies CARLO PROVENZANO, OTTAVIO ARANCIO, AMELIA EVOLI, BIANCA ROCCA, EMANUELA BARTOCCIONI, DOMENICO DE GRANDIS, PIETRO TONALI 1228

Ectopic midline spinal ganglion in diastematomyelia: a study of its connections GARY W ROSS, SVEN A SWANSON, ELIAS PERENTES, HENRY URICH 1231

LETTERS

Musical hallucinations following removal of a right frontal meningioma MATCHERI S KESHAVAN, E MICHAEL KAHN, JASPREET S BRAR 1235

Complete visual inversion in vertebrobasilar ischaemic disease MARK F MEHLER 1236

Aneurysm of the cervical internal carotid artery following chiropractic manipulation JMK MURTHY, KV NAIDU 1237

Unusual idiosyncratic reactions to carbamazepine EMR CRITCHLEY, M PHILLIPS 1238

Autonomic neuropathy in systemic lupus erythematosus RF GLEDHILL, PHMC DESSEIN 1238

Magnetic resonance imaging in Fabry's disease DG MENZIES, IW CAMPBELL, DM KEAN 1240

Paraplegia as a presenting feature of meningococcal meningitis BR BOOTHMAN, JM BAMFORD, MR PARSONS 1241

MATTERS ARISING 1242

BOOK REVIEWS 1243

No 10 OCTOBER 1988

Occasional historical review

The 150th anniversary of the first depiction of the lesions of multiple sclerosis ALASTAIR COMPSTON 1249

Recovery after optic neuritis in childhood A KRISS, DA FRANCIS, F CUENDET, AM HALLIDAY, DSI TAYLOR, J WILSON, J KEAST-BUTLER, JR BATCHELOR, WI MCDONALD 1253

Neuropsychological and neuroradiological correlates in Huntington's disease SERGIO E STARKSTEIN, JASON BRANDT, SUSAN FOLSTEIN, MILTON STRAUSS, MARCELO L BERTHIER, GODFREY D PEARLSON, DEAN WONG, ANNE MCDONNELL, MARSHAL FOLSTEIN 1259

Imaging of cerebral blood flow markers in Huntington's disease using single photon emission computed tomography IC REID, JAO BESSON, PV BEST, PF SHARP, HG GEMMELL, FW SMITH 1264

Recovery from aphasia and neglect after subcortical stroke: neuropsychological and cerebral perfusion study GIUSEPPE VALLAR, DANIELA PERANI, STEFANO F CAPPA, CRISTINA MESSA, GIAN LUIGI LENZI, FERRUCCIO FAZIO 1269

Acute fever and delayed leukoencephalopathy following low dose intraventricular methotrexate W BOOGERD, JJvD SANDE, D MOFFIE 1277

Recovery from herpes simplex encephalitis: selective impairment of specific semantic categories with neuroradiological correlation V PIETRINI, P NERTEMPI, A VAGLIA, MG REVELLO, V PINNA, F FERRO-MILONE 1284

Disproportionately severe memory deficit in relation to normal intellectual functioning after closed head injury HS LEVIN, FC GOLDSTEIN, WM HIGH JR, HM EISENBERG 1294

Temporal lobe and hypothalamic-pituitary dysfunctions after radiotherapy for nasopharyngeal carcinoma: a distinct clinical syndrome E WOO, K LAM, YL YU, J MA, C WANG, RTT YEUNG 1302

IgM monoclonal gammopathy and neuropathy in two siblings TROELS S JENSEN, HENRIK D SCHRØDER, VIGGO JØNSSON, JAN ERNERUDH, BENT STIGSBY, ZOFIA KAMIENIECKA, ERIK HIPPE, WERNER TROJABORG 1308

Muscle strength, endurance and recovery in the post-infection fatigue syndrome AR LLOYD, JP HALES, SC GANDEVIA 1316

Spatial contrast sensitivity in benign intracranial hypertension C BULENS, JD MEERWALDT, PJ KOUDSTAAL, GJ VAN DER WILDT 1323

SHORT REPORTS

Ultralate cerebral potentials as correlates of delayed pain perception: observation in a case of neurosyphilis ROLF-DETLEF TREEDE, WINFRIED MEIER, KLAUS KUNZE, BURKHART BROMM 1330

The short-term effect of an immunosuppressive treatment on CSF myelin basic protein in chronic progressive multiple sclerosis KJB LAMERS, BMJ UITDEHAAG, OR HOMMES, W DOESBURG, RA WEVERS, WJAv GEEL 1334

Late-onset Isofenphos neurotoxicity AMIRAM CATZ, BARUCH CHEN, ITZHAK JUTRIN, LAZAR MENDELSON 1338

Peripheral neuropathy complicating pancreatitis and major pancreatic surgery MLP GROSS, CLARE J FOWLER, R HO, RCG RUSSELL, MJG HARRISON 1341

Dystonic-Parkinsonian syndrome after cyanide poisoning: clinical and MRI findings FRANCESCO CARELLA, MARIA PIA GRASSI, MARIO SAVOIARDO, PATRIZIA CONTRI, BARBARA RAPUZZI, ALFONSO MANGONI 1345

Fatal cerebellar herniation secondary to Camurati-Englemann's disease RICHARD K SIMPSON JR, DUNCAN K FISCHER, GARY K S E GALL, JAMES E ROSE 1349

LETTERS

Micrographia secondary to lenticular haematoma E MARTÍNEZ-VILA, J ARTIEDA, JOSÉ A OBESO 1353

Acquired focal dystonia following recovery from central pontine myelinolysis ST GRAFTON, FH BAHLS, K R BELL 1354

Reversible intracranial circulatory arrest in acute subarachnoid haemorrhage HELMUTH STEINMETZ, WERNER HASSLER 1355

NOTICES 1356

Proceedings of the meeting of the Association of British Neurologists, University Hospital, Nottingham, 7–9 April 1988 1357

MATTERS ARISING 1364

BOOK REVIEWS 1367

No 11 NOVEMBER 1988

A prospective study of acute cerebrovascular disease in the community: the Oxfordshire community stroke project 1981–1986. (1) Methodology, demography and incident cases of first-ever stroke JOHN BAMFORD, PETER SANDERCOCK, MARTIN DENNIS, CHARLES WARLOW, LESLEY JONES, KLIM MCPHERSON, MARTIN VESSEY, GODFREY FOWLER, ANDREW MOLYNEUX, TREVOR HUGHES, JOHN BURN, DERICK WADE 1373

Contents

Autoimmune optic neuropathy: evaluation and treatment MARK J KUPERSMITH, RONALD M BURDE, FLOYD A WARREN, TERRENCE G KLINGELE, LARRY P FROHMAN, HAL MITNICK 1381

Psychiatric morbidity and illness behaviour in female neurological in-patients RICHARD METCALFE, DAVID FIRTH, STEVEN POLLOCK, FRANCIS CREED 1387

DNA lability induced by nimustine and ramustine in rat glioma cells KATSUYOSHI MINEURA, SUSUMU FUSHIMI, YASUNOBU ITOH, MASAYOSHI KOWADA 1391

Effect of vigabatrin (gamma-vinyl GABA) on amino acid levels in CSF of epileptic patients A PITKANEN, R MATILAINEN, T RUUTIAINEN, M LEHTINEN, P RIEKKINEN 1395

Parkinson's disease and depression: psychometric properties of the Beck depression inventory BONNIE E LEVIN, MARIA M LLABRE, WILLIAM J WEINER 1401

Afferents contributing to the exaggerated long latency reflex response to electrical stimulation in Parkinson's disease JP HUNTER, P ASHBY, AE LANG 1405

The effect of frontoparietal lesions on stability and tremor in the finger JD COLE, HI PHILIP, EM SEDGWICK 1411

Evaluation of thermal, pain, and vibration sensation thresholds in newly diagnosed type 1 diabetic patients DAN ZIEGLER, PETER MAYER, F ARNOLD GRIES 1420

Ca^{2+}-ATPase deficiency in a patient with an exertional muscle pain syndrome DJ TAYLOR, MJ BROSNAN, DL ARNOLD, PJ BORE, P STYLES, J WALTON, GK RADDA 1425

SHORT REPORTS

Cyclosporin neurotoxicity in cardiac transplant recipients RUSSELL JM LANE, SHANE W ROCHE, ANTHONY AW LEUNG, ALINA GRECO, LEO S LANGE 1434

Endaural extracranial repair for cerebrospinal otorrhoea with human fibrin glue. Technical note LUIGI FERRANTE, EMANUEL PALATINSKY, MICHELE ACQUI, LUCIANO MASTRONARDI 1438

Inhibition of vasopressin secretion during migraine CJM POOLE, SL LIGHTMAN 1441

Interhemispheric disconnection effects in multiple sclerosis JAAP LINDEBOOM, RENE TER HORST 1445

Vomiting as an ictal manifestation of epileptic seizures and syndr[illegible] CP PANAYIOTOPOULOS 1448

Memory disorder related to coma duration after head injury J VILKKI, K POROPUDAS, A SERVO 1452

A technique to detect psychogenic sensory loss RICHARD TEGNER 1455

LETTERS

A universal subarachnoid haemorrhage scale: report of a committee of the World Federation of Neurosurgical Societies GM TEASDALE 1457

Chorea: a new manifestation of mastocytosis LM IRIARTE, J MATEU, G CRUZ, I [illegible]UDERO 1457

Absence of antibodies to cardiolipin in patients with Huntington's [illegible], Sydenham's chorea and acute rheumatic fever RONALD A ASHERSON, RICHARD GLEDHILL, GRAHAM RV HUGHES, NP QUINN 1458

What is a "cryptic" arteriovenous malformation? VEDANTAM RAJSHEKHAR, MATHEW J CHANDY 1459

Transmissible agent in the amyotrophic form of Creutzfeldt-Jakob disease JH CONNOLLY, INGRID V ALLEN, EVELYN DERMOTT 1459

Horner's syndrome due to superior-mediastinal schwannoma BRUCE G MATHEW, ROBERT M JONES, MALCOLM J CAMPBELL 1460

Thrombosis of cerebral veins following intravenous application of clomipramine GISBERT EIKMEIER, RALF KUHLMANN, MARKUS GASTPAR 1461

Myotonic dystrophy with unilateral bulbar involvement N GILADI, I BAZAK, D HAREL 1461

Sixth cranial nerve palsy complicating psittacosis A ZUMLA, G LIPSCOMB, D LEWIS 1462

Motor axon loop as a source of error in the measurement of motor nerve conduction velocity TOMOYUKI SHIMPO, YOSHIKAZU UGAWA, TORU MANNEN 1462

MATTERS ARISING 1463

BOOK REVIEWS 1466

No 12 DECEMBER 1988

Sarcoidosis of the anterior visual pathway: successes and failures MARK J GELWAN, RODNEY I KELLEN, RONALD M BURDE, MARK J KUPERSMITH 1473

Visual hemispatial inattention: stimulus parameters and exploratory strategies SANDRA WEINTRAUB, M MARSEL MESULAM 1481

Aetiological considerations and risk factors for multi-infarct dementia JOHN S MEYER, KAREN L MCCLINTIC, ROBERT L ROGERS, PENNE SIMS, KARL F MORTEL 1489

Dementia and cognitive impairment in Parkinson's disease GF GIROTTI, P SOLIVERI, F CARELLA, I PICCOLO, P CAFFARRA, M MUSICCO, R CARACENI 1498

Constipation and paradoxical puborectalis contraction in anismus and Parkinson's disease: a dystonic phenomenon? SE MATHERS, PA KEMPSTER, M SWASH, AJ LEES 1503

Low leukocyte glutamate dehydrogenase activity does not correlate with a particular type of multiple system atrophy ROGER C DUVOISIN, WILLIAM J NICKLAS, VICTOR RITCHIE, JACOB SAGE, SUDHANSU CHOKROVERTY 1508

Dystonia and tremor induced by peripheral trauma: predisposing factors JOSEPH JANKOVIC, CHRIS VAN DEN LINDEN 1512

The prevalence of multiple sclerosis in south east Wales RJ SWINGER, DAS COMPSTON 1520

Topographic subtypes of tardive dyskinesia in schizophrenic patients aged less than 60 years: relationship to demographic, clinical, treatment and neuropsychological variables O GUREJE 1525

The effects of antipsychotic drugs and symptomatology on perceptual asymmetry in schizophrenia VAUGHAN CARR, JOCELYN WALE 1531

Cerebrospinal fluid neurohypophysial peptides in benign intracranial hypertension JONATHAN SECKL, STAFFORD LIGHTMAN 1538

Dysphagia in inclusion body myositis AR WINTZEN, G TH AM BOTS, HM DE BAKKER, JH HULSHOF, GW PADBERG. 1542

Short-latency autogenic inhibition (1B inhibition) in human spasticity PJ DELWAIDE, E OLIVIER 1546

The effect of mazindol on growth hormone secretion in boys with Duchenne muscular dystophy JH COAKLEY, J MOORCRAFT, LJ HIPKIN, CS SMITH, RD GRIFFITHS, RHT EDWARDS 1551

Stability and tremor in the fingers associated with cerebellar hemisphere and cerebellar tract lesions in man JD COLE, HI PHILIP, EM SEDGWICK 1558

SHORT REPORTS

The early risk of multiple sclerosis after optic neuritis DH MILLER, IEC ORMEROD, WI MCDONALD, DG MACMANUS, BE KENDALL, DPE KINGSLEY, IF MOSELEY 1569

Pontine lesion opsoclonus-myoclonus syndrome shown by MRI AKAMICHI HATTORI, KEIZO HIRAYAMA, TAKASHI IMAI, TATSUO YAMADA, SIGEUUKI KOJIMA 1572

Familial cerebellar ataxia and diabetes insipidus IC ROBINSON, BP O'MALLEY, ID YOUNG 1576

Myotonic dystrophy and hyperparathyroidism: associated with neurofibromatosis and multiple endocrine adendmatosis type 2A NEIL L ROSENBERG, JOHN H DILIBERTI, ANTHONY M ANDREWS, NEIL RM BUIST 1578

An experimental analysis of factors underlying neglect in line bisection CHARLES M BUTTER, VICTOR W MARK, KENNETH M HEILMAN 1581

Prism adaptation in Parkinson's disease YAAKOV STERN, RICHARD MAYEUX, ANDREW HERMANN, JEFFERY ROSEN 1584

Compressive mononeuropathy of the deep palmar branch of the ulnar nerve in cyclists GRAEME J HANKEY, SASSON S GUBBAY 1588

Fluoride in cerebrospinal fluid of patients with fluorosis HU YU-HUAN, WU SI-SHUNG 1591

LETTERS

Involvement of smell and taste in giant cell arteritis F SCHON 1594

Sarcoid meningitis: high adenosine deaminase levels in CSF and results of cranial irradiation CARLOS GARCÍA-MONCO, JOSE BERCIANO 1594

Escherichia coli meningitis and disseminated stronglyoidiasis AJ THOMPSON, MM BROWN, A RIDLEY 1596

Extensor tone disinhibition from an infarction within the midline anterior cerebellar lobe ROBERT A RINGEL, JAMES L CULBERSON 1597

Transient ischaemic attacks associated with thrombocytosis in active rheumatoid arthritis I CASADO NARANJO 1599

NOTICE 1599

MATTERS ARISING 1600

BOOK REVIEWS 1601

List of Assessors and Book reviewers 1605

INDEX 1607